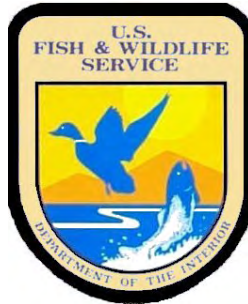


# The Road Inventory of Buenos Aires National Wildlife Refuge Sasabe, AZ



Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
March 2008



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## INTRODUCTION

The Transportation Equity Act for the 21<sup>st</sup> Century (Public Law 105-178) created the Refuge Roads Program. Refuge roads are those public roads that provide access to or within a unit of the National Wildlife Refuge System and for which title and maintenance responsibility is vested in the United States Government. Funds from the Highway Trust Fund are available for refuge roads and can be used by the station to pay the cost of:

- (a) Maintenance and improvements of refuge roads.
- (b) Maintenance and improvements of:
  - (1) Adjacent vehicle parking areas
  - (2) Provision for pedestrians and bicycles and
  - (3) Construction and reconstruction of roadside rest areas that are located in or adjacent to wildlife refuges
- (c) Administrative costs associated with such maintenance and improvements.

The funds available for refuge roads are to be disbursed based on the relative needs of the various refuges in the National Wildlife Refuge System, and taking into consideration:

- (a) The comprehensive conservation plan for each refuge;
- (b) The need for access as identified through land use planning; and
- (c) The impact of land use planning on existing transportation facilities.

To determine the relative needs of the U.S. Fish and Wildlife Service, the Federal Highway Administration (FHWA) was asked to inventory all public access roads and parking lots and provide a condition assessment of each. In 2008 the inventory was expanded to include administrative (service use only) roads and parking lots. An FHWA representative meets with refuge personnel to identify route segments and assign route numbers and functional classifications (See Appendix) for each route. All roads and parking lots are mapped using Trimble GPS units and visually assessed for condition using the RSL method of evaluation developed at Utah State University (See Appendix). Culverts, Gates, Guardrails and Low Water Crossings are also mapped and inspected for any obvious defects.

An estimate is provided, in year 2008 dollars, based on the condition determined by the rating system. Estimates are based upon data and location factors from the 2008 RS Means Heavy Construction Cost Data 22<sup>nd</sup> Annual Edition. Cost estimates should be evaluated on a case-by-case basis when being used for programming purposes.

Native Surfaced roads and parking lots already inventoried will not be re-inventoried and will not appear individually in report chapters 5, 6 and 8. Mileages and areas of native surfaced roads and parking lots will still appear in all summaries in the report and will remain in the road inventory database. In addition to this report, the FHWA will furnish the condition ratings of each route and segment to the Fish and Wildlife Service in a Microsoft Access database so the data can be included in their Real Property Inventory.

## Summaries

### Route Miles and Percentages by Functional Class and Condition

F. C.	Condition Rating (Based on RSL)*										TOTAL MILES
	Excellent		Good		Fair		Poor		Failed		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
I	7.33	45.2%	3.72	22.9%	2.49	15.4%			2.67	16.5%	16.20
II	2.95	22.1%	4.42	33.2%			5.95	44.7%			13.32
III	64.99	45.9%	58.27	41.1%	18.37	13.0%					141.63
IV	0.98	100%									0.98
V	1.48	11.7%	7.56	59.5%	3.67	28.8%					12.71
Totals	77.72	42.0%	73.97	40%	24.53	13.3%	5.95	3.2%	2.67	1.4%	184.84

\*For a description of condition ratings for the various surface types see the Appendix.

### Route Miles and Percentages by Surface Type and Condition

S. T.	Paved Condition Rating [Condition(RSL)]										TOTAL MILES
	Excellent (19-20)		Good (13-18)		Fair (7-12)		Poor (1-6)		Failed (0)		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
AS					2.49	98.5%			0.03747	1.5%	2.52
CO											
Totals					2.49	98.5%			0.04	1.5%	2.52

S. T.	Unpaved Condition Rating [Condition(RSL)]										TOTAL MILES
	Excellent (8-10)		Good (5-7)		Fair (3-4)		Poor (1-2)		Failed (0)		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
GR	8.16	45.7%	9.71	54.3%							17.88
NA	69.10	42.1%	64.25	39.2%	22.04	13.4%	5.95	3.6%	2.63	1.6%	163.97
PR	0.46	100%									0.46
Totals	77.72	42.6%	73.97	40.6%	22.04	12.1%	5.95	3.3%	2.63	1.4%	182.31

### Square Footage (Parking Areas)

S. T.	Condition Rating										Total Square Feet
	Excellent		Good		Fair		Poor		Failed		
	Square Feet	%	Square Feet	%	Square Feet	%	Square Feet	%	Square Feet	%	
AS											
CO	452	100%									452
GR			49981	72.5%			18950	27.5%			68931
NA	7643	51.5%			6134	41.4%	1054	7.1%			14831
PR											
Totals	8095	9.6%	49981	59.3%	6134	7.3%	20004	23.8%			84214



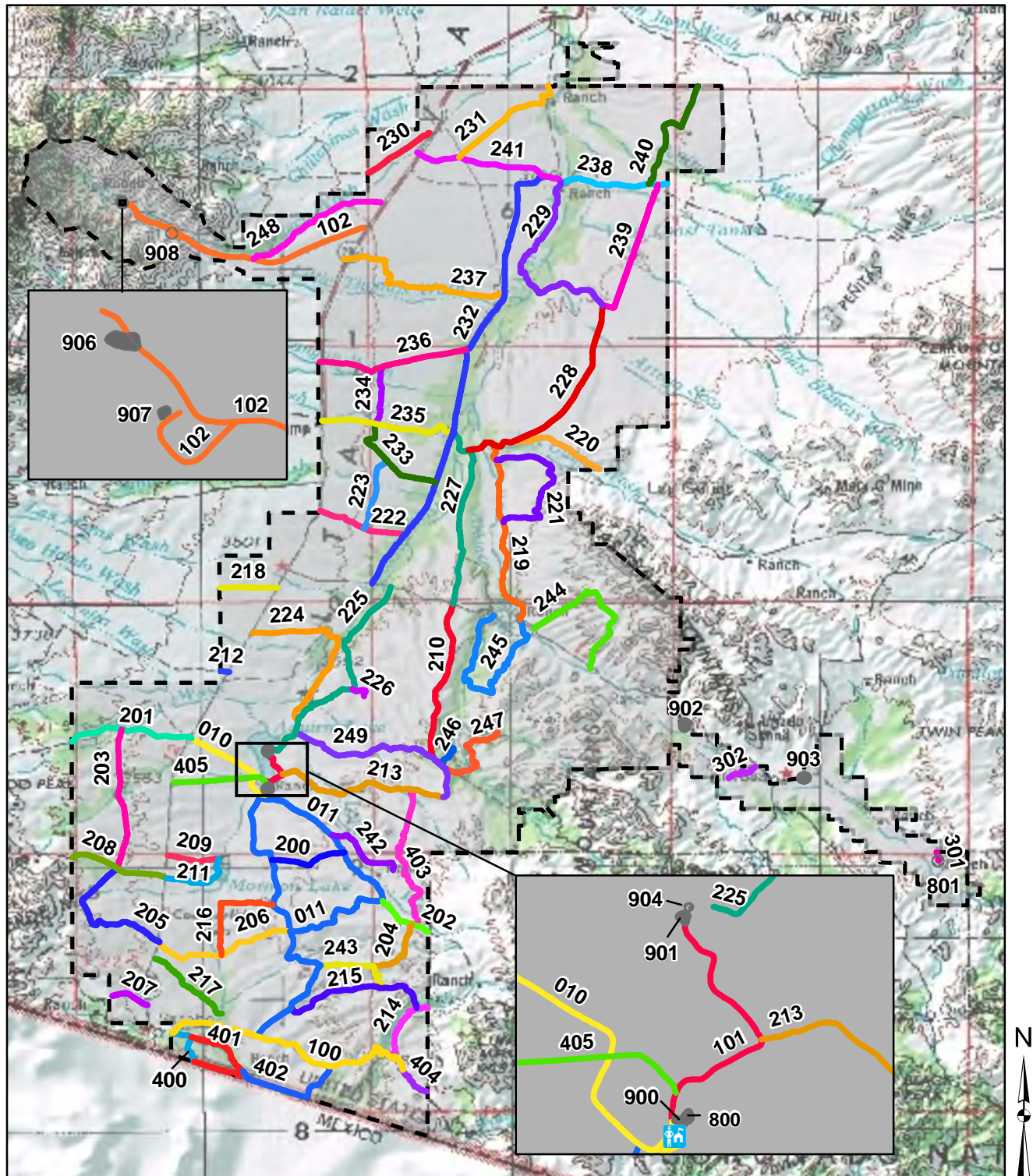
## Summaries

### Route Miles and Percentages by Use Type and Condition

USE TYPE	Road Condition Rating: Public/Administrative Use										TOTAL MILES	PERCENT TOTAL MILES
	Excellent		Good		Fair		Poor		Failed			
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%		
Public (FC I-III)	75.26	44.0%	66.41	39%	20.86	12.2%	5.95	3.5%	2.67	1.6%	171.15	93%
Admin (FC IV-V)	2.46	18.0%	7.56	55.2%	3.67	26.8%					13.69	7%
Totals	77.72	42.0%	73.97	40%	24.53	13.3%	5.95	3.2%	2.67	1.4%	184.84	

USE TYPE	Parking Condition Rating										Total Square Feet	PERCENT TOTAL SF
	Excellent		Good		Fair		Poor		Failed			
	Square		Square		Square		Square		Square			
	Feet	%	Feet	%	Feet	%	Feet	%	Feet	%		
Public	452	0.7%	37164	58.3%	6134	9.6%	20004	31.4%			63754	76%
Admin	7643	37.4%	12817	63%							20460	24%
Totals	8095	9.6%	49981	59.3%	6134	7.3%	20004	23.8%			84214	

# BUENOS AIRES WILDLIFE REFUGE ROUTE LOCATION MAP



## ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes
Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
010	10009538	Refuge Entrance Road	2.49	From AZ Hwy 286 to Visitor Center Parking (Rte 900)	2.49	-	2	1
011	10041436	Pronghorn Tour Loop Road	13.71	From Refuge Entrance Road (Rte 010) to end of loop	0.04	13.67	2	1
100	10041216	Sasabe Road	5.95	From refuge boundary to Fresno Canyon Road (Rte 404)	-	5.95	1	2
101	10041220	Aguirre Lake Road	1.22	From Visitor Center Parking (Rte 900) to Aguirre Lake Parking (Rte 901)	-	1.22	2	2
102	10041223	Brown Canyon Road	6.15	From AZ Hwy 286 to Browns Trail (T301)	-	6.15	2	2
200	10009539	Barrel Cactus Road	1.58	From Antelope Tour Loop (Rte 011) to Antelope Tour Loop (Rte 011)	-	1.58	1	3
201	10009539	Aros Ranch Road	2.61	From AZ Hwy 286 to refuge boundary	-	2.61	2	3
202	10009539	Forest Access Road	1.25	From Pronghorn Tour Loop (Rte 011) to refuge boundary	-	1.25	2	3
203	10009539	Big Bertha Road	3.39	From Aros Ranch Road (Rte 201) to Sierra Vista Road (Rte 208)	-	3.39	1	3
204	10009539	Herman Tank Road	1.56	From Forest Access Road (Rte 202) to Yellow Jacket Road (Rte 243)	-	1.56	1	3
205	10009539	Carrizo Tank Road	3.34	From Sierra Vista Road (Rte 208) to AZ Hwy 286	-	3.34	1	3
206	10009539	Burnt Corral Road	3.04	From Antelope Tour Loop (Rte 011) to AZ Hwy 286	-	3.04	1	3
207	10009539	La Osa Road	0.82	From AZ Hwy 286 to refuge boundary	-	0.82	2	3
208	10009539	Sierra Vista Road	2.00	From AZ Hwy 286 to refuge boundary	-	2.00	2	3
209	10009539	Mormon North Road	1.06	From AZ Hwy 286 to Mormon South Road (Rte 211)	-	1.06	1	3
210	10009539	High Gates South Road	3.80	From Arivaca Road to Rock Tank Road (Rte 249)	-	3.80	2	3
211	10009539	Mormon South Road	1.59	From AZ Hwy 286 to Mormon North Road (Rte 209)	-	1.59	1	3
212	10009539	Jo King Ranch Road	0.18	From AZ Hwy 286 to refuge boundary	-	0.18	2	3
213	10009539	State Tank Road	3.71	From Aguirre Lake Road (Rte 101) to Rock Tank Road (Rte 213)	-	3.71	1	3
214	10009539	Cemetery Road	1.63	From Sasabe Road (Rte 100) to refuge boundary	-	1.63	1	3
215	10009539	Chivo Tank Road	3.24	From Pronghorn Tour Loop (011) to Cemetery Road (Rte 100)	-	3.24	1	3
216	10009539	Compartidero Road	2.34	From Pronghorn Tour Loop (011) to Burnt Corral Road (Rte 206)	-	2.34	1	3
217	10009539	La Osa Mud Hole Road	2.03	From AZ Hwy 286 to end of route	-	2.03	1	3
218	10009539	Mal Pa Chute Road	1.16	From AZ Hwy 286 to refuge boundary	-	1.16	1	3
219	10009539	Figeroa North Road	4.64	From Arivaca Road to Water Tank Road (Rte 228)	-	4.64	1	3
220	10009539	Martinez Well Road	2.08	From Water Tank Road (Rte 228) to refuge boundary	-	2.08	1	3
221	10009539	Guijas Loop Road	3.55	From Figeroa North Road (Rte 219) to Figeroa North Road (Rte 219)	-	3.55	1	3
222	10009539	Cordova Tank Road	1.89	From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)	-	1.89	1	3
223	10009539	Secundino South Road	1.74	From Cordova Tank Road (Rte 222) to Middle Tank Road (Rte 233)	-	1.74	1	3
224	10009539	Round Hill Road	4.20	From AZ Hwy 286 to McKay Tank Road (Rte 225)	-	4.20	1	3

## ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes
Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
225	10009539	McKay Tank Road	5.37	From Arivaca Road to the end of Refuge Entrance Road (Rte 010)	-	5.37	1	3
226	10009539	High Road	0.46	From McKay Tank Road (Rte 225) to end of route	-	0.46	1	3
227	10009539	High Gates North Road	4.39	From Arivaca Road to Puertocito Wash North Road (Rte 232)	-	4.39	1	3
228	10009539	Water Tank Road	5.01	From High Gates North Road (Rte 227) to Bueno Tank Road (Rte 229)	-	5.01	1	3
229	10009539	Bueno Tank Road	4.81	From Pozo Nuevo Road (Rte 241) to Water Tank Road (Rte 228)	-	4.81	1	3
230	10009539	Las Delicias Ranch Road	1.57	From AZ Hwy 286 to refuge boundary	-	1.57	2	3
231	10009539	El Cazador Road	2.80	From Pozo Nuevo Road (Rte 241) to refuge boundary	-	2.80	1	3
232	10009539	Puertocito Wash North Road	10.84	From Arivaca Road to Pozo Nuevo Road (Rte 241)	-	10.84	1	3
233	10009539	Middle Tank Road	2.38	From Puertocito Wash North Road (Rte 232) to Secundino Road (Rte 235)	-	2.38	1	3
234	10009539	Hippy Road	1.40	From Secundino Road (Rte 235) to Road Camp Road (Rte 236)	-	1.40	1	3
235	10009539	Secundino Road	2.84	From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)	-	2.84	2	3
236	10009539	Road Camp Road	3.09	From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)	-	3.09	1	3
237	10009539	Brown Tank Road	4.03	From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)	-	4.03	1	3
238	10009539	Batamote Road	2.25	From Pozo Nuevo Road (Rte 229) to refuge boundary	-	2.25	1	3
239	10009539	Straight Road	3.37	From Batamote Road (Rte 238) to Bueno Tank Road (Rte 229)	-	3.37	1	3
240	10009539	Ted Tank Road	2.98	From Batamote Road (Rte 238) to refuge boundary	-	2.98	1	3
241	10009539	Pozo Nuevo Road	3.16	From AZ Hwy 286 to Bueno Tank Road (Rte 229)	-	3.16	2	3
242	10009539	Choffo Tank Road	1.78	From Pronghorn Tour Loop (011) to Choffo Tank	-	1.78	1	3
243	10009539	Yellow Jacket Road	1.75	Chivo Tank Road (Rte 215) to Pronghorn Tour Loop Road (Rte 011)	-	1.75	1	3
244	10009539	Mesquite Loop Road	3.81	From Arivaca Road to Arivaca Road	-	3.81	1	3
245	10009539	Honey Trap Loop Road	4.83	From Arivaca Road to Arivaca Road	-	4.83	1	3
246	10009539	Bee Hive Road	0.62	From Rock Tank Road (Rte 249) to end of route	-	0.62	1	3
247	10009539	Wilber Canyon Road	2.16	From Rock Tank Road (Rte 249) to refuge boundary	-	2.16	1	3
248	10009539	Brown Well Road	3.16	From AZ Hwy 286 to Brown Canyon Road (Rte 102)	-	3.16	1	3
249	10009539	Rock Tank Road	4.32	From State Tank Road (Rte 213) to McKay Tank Road (Rte 225)	-	4.32	1	3
301	<Null>	Montana Ranch Road	0.23	From beginning of route to Montana Ranch Road Parking (Rte 801)	-	0.23	1	4
302	10009612	Honnas Road	0.75	From Arivaca Road to Honnas House	-	0.75	1	4
400	<Null>	East Gate Road	1.04	From refuge boundary to Ashcraft Road (Rte 401) at U.S. border	-	1.04	1	5



## ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes
Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
401	<Null>	Ashcraft Road	2.61	From East Gate Road (Rte 400) to East Gate Road (Rte 400)	-	2.61	1	5
402	<Null>	Mordita Road	2.44	From Ashcraft Road to Sasabe Road (Rte 100)	-	2.44	1	5
403	<Null>	Three Hills Road	3.90	From State Tank Road (Rte 213) to Forest Access Road (Rte 202)	-	3.90	1	5
404	<Null>	Fresnal Canyon Road	0.76	From end of Sasabe Road (Rte 100) to refuge boundary	-	0.76	1	5
405	10009562	Service Road	1.96	From AZ Hwy 286 to Aguirre Lake Road (Rte 101)	-	1.96	2	5

## ROUTE IDENTIFICATION LIST (PARKING)

Shading Color Key:

Green = Unpaved Parking Lots

Blue = Paved Parking Lots

RTE #	ASSET NUMBER	ROUTE NAME	RTE SQFT	ROUTE DESCRIPTION	PAVED SQFT	UN-PAVED SQFT
800	10009634	Staff Parking	12817		-	12817
801	<Null>	Montana Ranch Road Parking	7643		-	7643
900	10041234	Visitor Center Parking Area	4557		-	4557
901	10041236	Aguirre Lake Parking	7003		-	7003
902	10041239	Arivaca Creek Parking Area	25604		-	25604
903	10041241	Cienega Trail Parking Area	18950		-	18950
904	10041236	Aguirre Lake Road Parking	1054		-	1054
905	10041241	Cienega Trail Handicapped Parking	452		452	-
906	10009634	Brown Canyon Education Center Parking	2844		-	2844
907	10009634	Brown Canyon Education Center Parking #2	696		-	696
908	10009634	Brown Canyon Restroom Parking	2594		-	2594

## CHANGES TO THE FISH AND WILDLIFE SERVICE ROAD INVENTORY REPORT

**Routes added to previous inventory:** No routes added to previous inventory.

	Rte #	Rte Name	
1.			Rte Desc:
			Reason for Addition:
2.			Rte Desc:
			Reason for Addition:
3.			Rte Desc:
			Reason for Addition:

**Routes removed from previous inventory:** No routes removed from previous inventory.

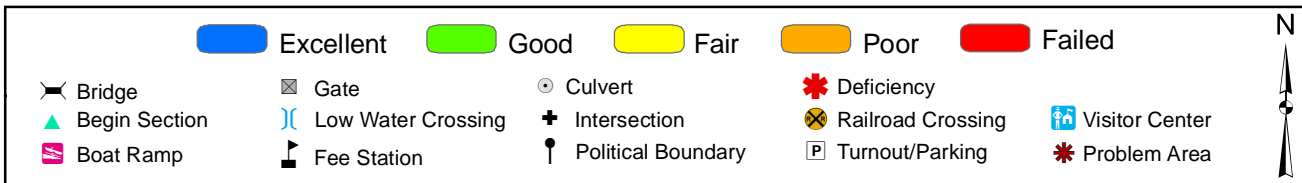
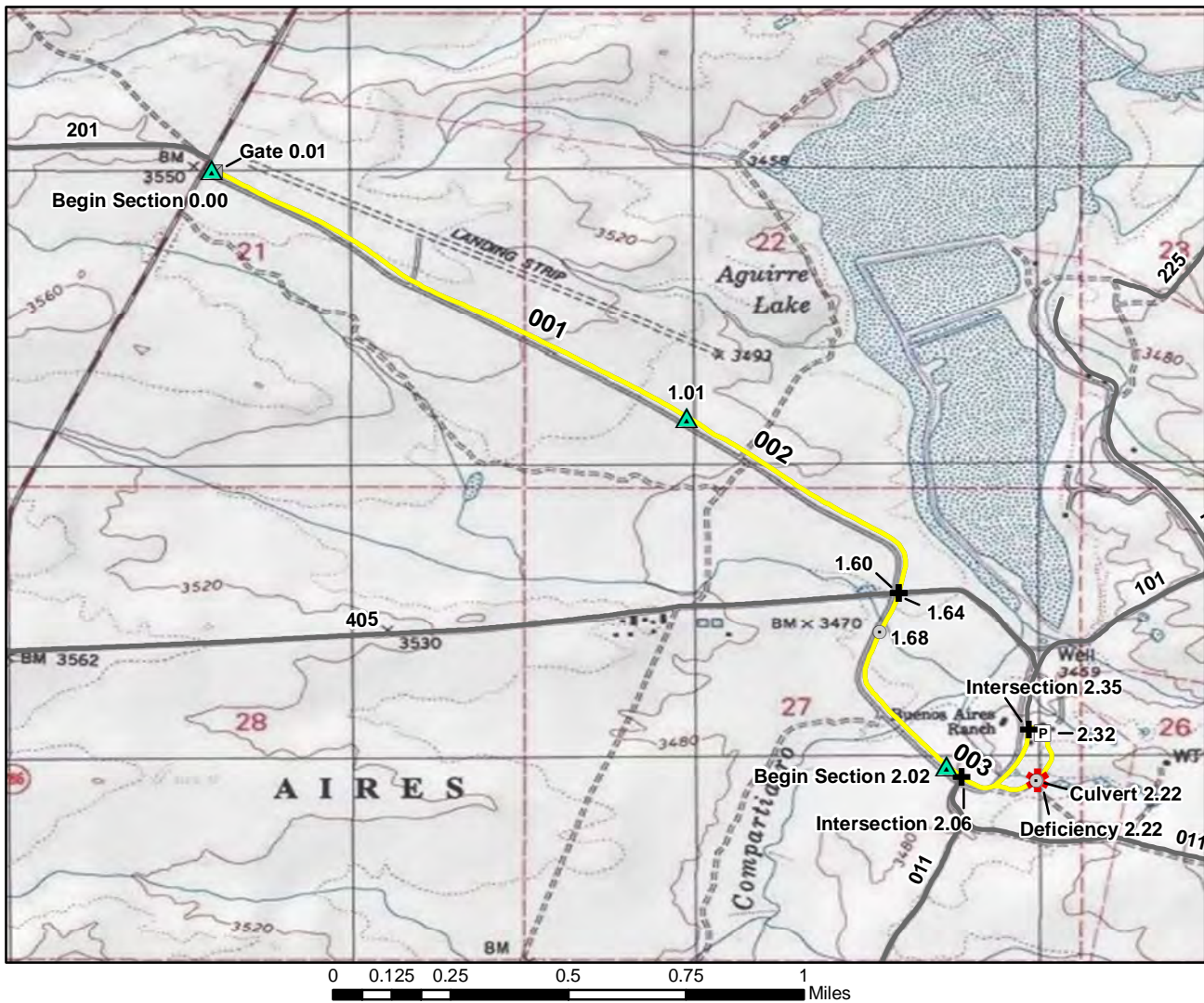
	Rte #	Rte Name	
1.			Rte Desc:
			Reason for Removal:
2.			Rte Desc:
			Reason for Removal:
3.			Rte Desc:
			Reason for Removal:

**Routes modified from previous inventory:** One route modified from previous inventory.

	Rte #	Rte Name	
1.	102	Brown Canyon Road	Rte Desc: From AZ Hwy 286 to Browns Trail (T301)
			Modification: Route has been extended 3 miles to the west
2.			Rte Desc:
			Modification:
3.			Rte Desc:
			Modification:

**Comments:**

--



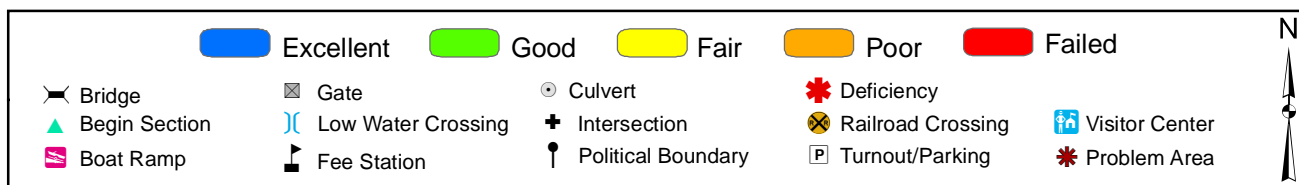
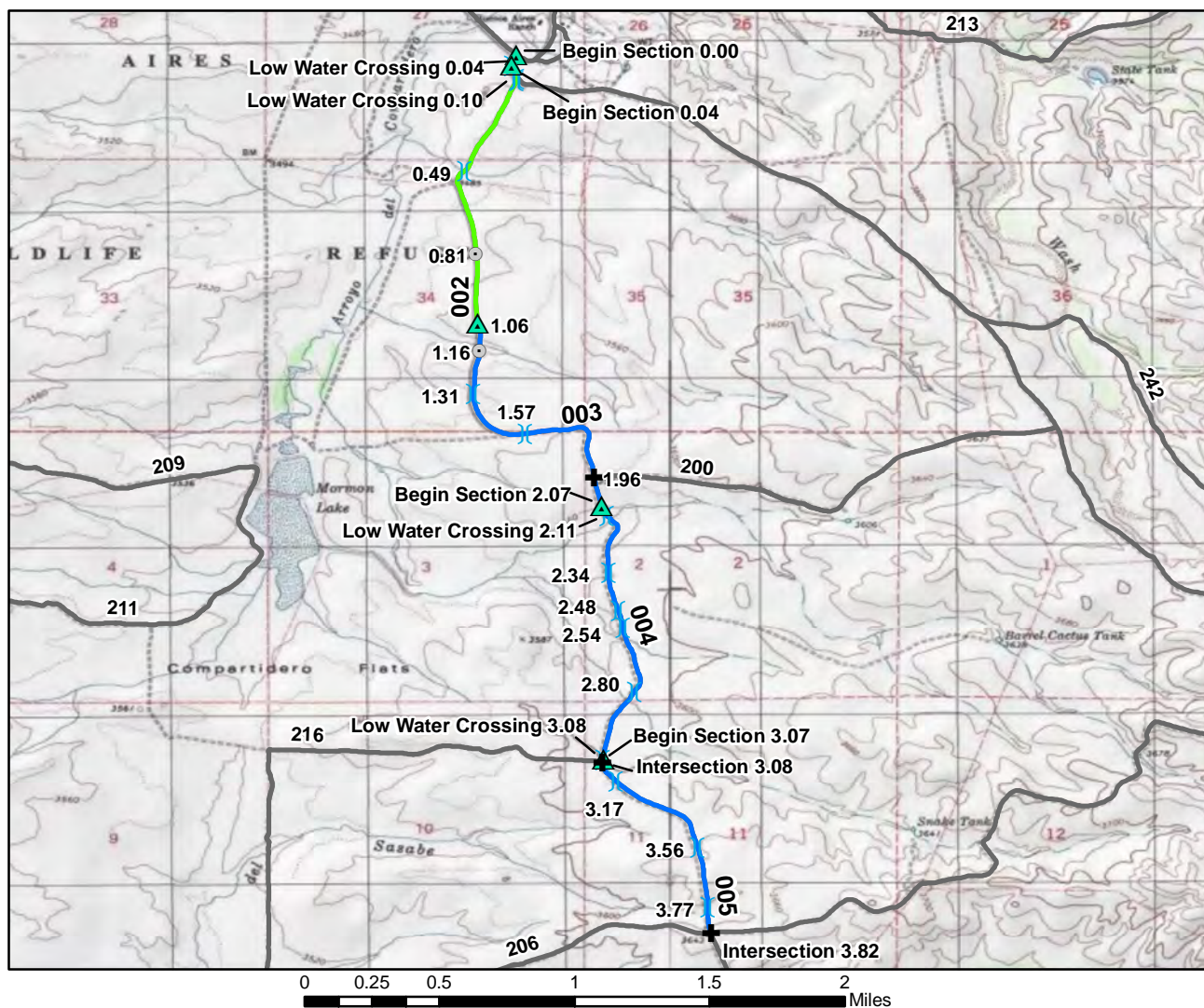
ROUTE: 010 Refuge Entrance Road TOTAL LENGTH: 2.49 Miles

ASSET: 10009538

RTE DESCRIPTION: From AZ Hwy 286 to Visitor Center Parking (Rte 900)

Section Number	001	002	003		
Section Length (miles)	1.01	1.01	0.47		
Inspection Date	3/10/2008	3/10/2008	3/10/2008		
<b>Section Information</b>					
Surface Type	Asphalt	Asphalt	Asphalt		
Number of Lanes	2	2	2		
Roadway Width (feet)	20	20	16		
<b>Roadway Condition Information</b>					
Condition	Fair	Fair	Fair		
Remaining Service Life (years)	10	10	8		
Cost Estimate	\$107700	\$107300	\$49900		
CRV	\$1192800	\$1188400	\$552600		





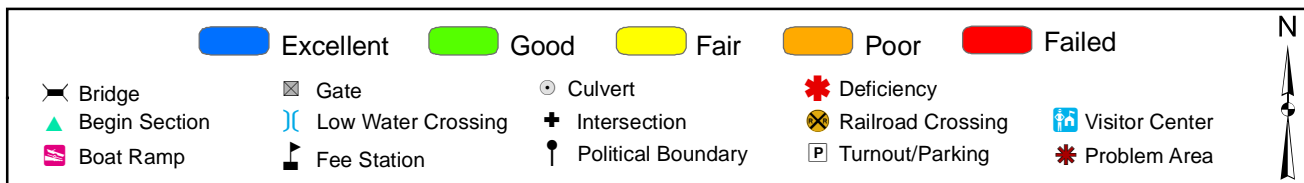
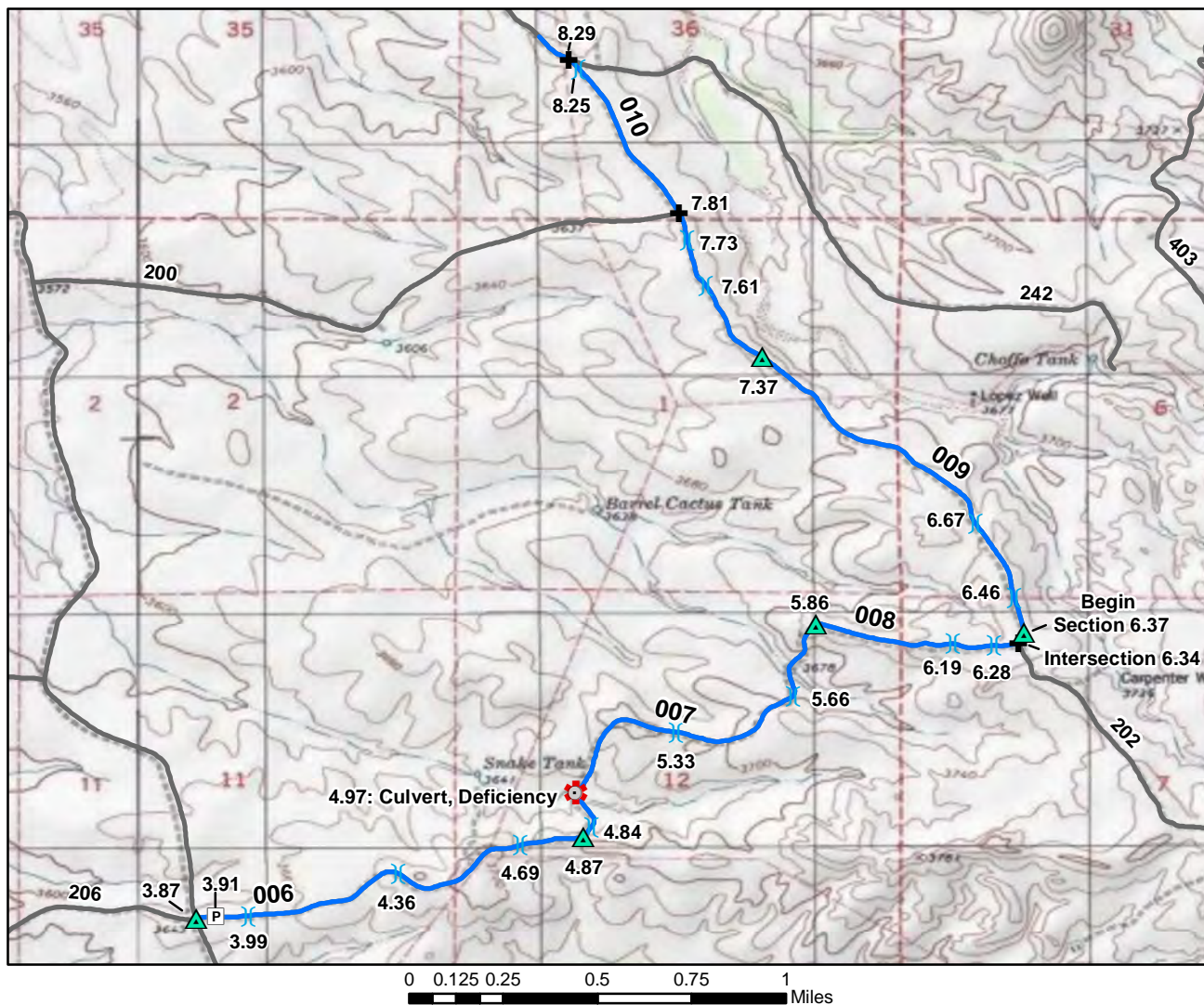
ROUTE: 011 Pronghorn Tour Loop Road

TOTAL LENGTH: 13.71 Miles

ASSET: 10041436

RTE DESCRIPTION: From Refuge Entrance Road (Rte 010) to end of loop

Section Number	001	002	003	004	005
Section Length (miles)	0.04	1.02	1.01	1.01	0.79
Inspection Date	3/10/2008	3/10/2008	3/10/2008	3/10/2008	3/10/2008
<b>Section Information</b>					
Surface Type	Asphalt	Gravel	Gravel	Gravel	Gravel
Number of Lanes	2	2	2	2	2
Roadway Width (feet)	25	24	24	26	22
<b>Roadway Condition Information</b>					
Condition	Failed	Good	Excellent	Excellent	Excellent
Remaining Service Life (years)	0	7	9	9	10
Cost Estimate	\$42200	\$1600	\$0	\$0	\$0
CRV	\$44200	\$693900	\$684500	\$684200	\$540200



ROUTE: 011 Pronghorn Tour Loop Road

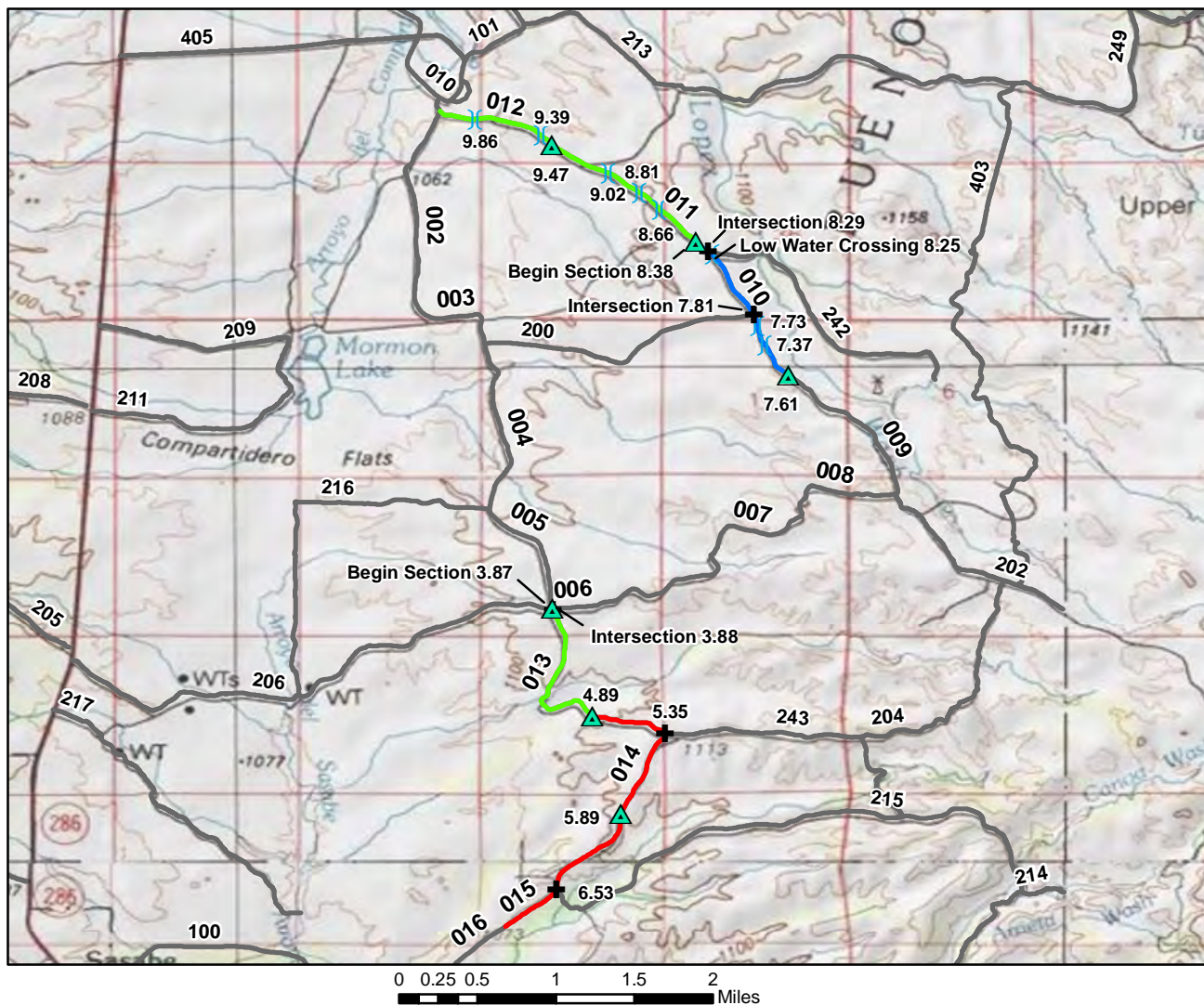
TOTAL LENGTH: 13.71 Miles

ASSET: 10041436

RTE DESCRIPTION: From Refuge Entrance Road (Rte 010) to end of loop

Section Number	006	007	008	009	010
Section Length (miles)	0.97	1.02	0.51	1.00	1.01
Inspection Date	3/10/2008	3/10/2008	3/10/2008	3/10/2008	3/10/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Number of Lanes	1	1	1	2	2
Roadway Width (feet)	15	15	13	20	18
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Excellent	Excellent	Excellent
Remaining Service Life (years)	9	9	10	10	10
Cost Estimate	\$0	\$0	\$0	\$0	\$0
CRV	\$660700	\$696900	\$346700	\$678000	\$689600





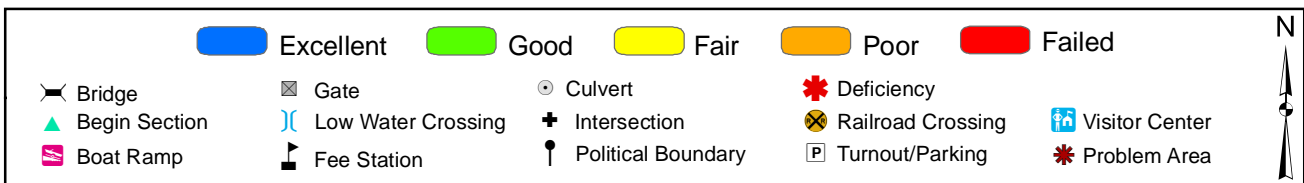
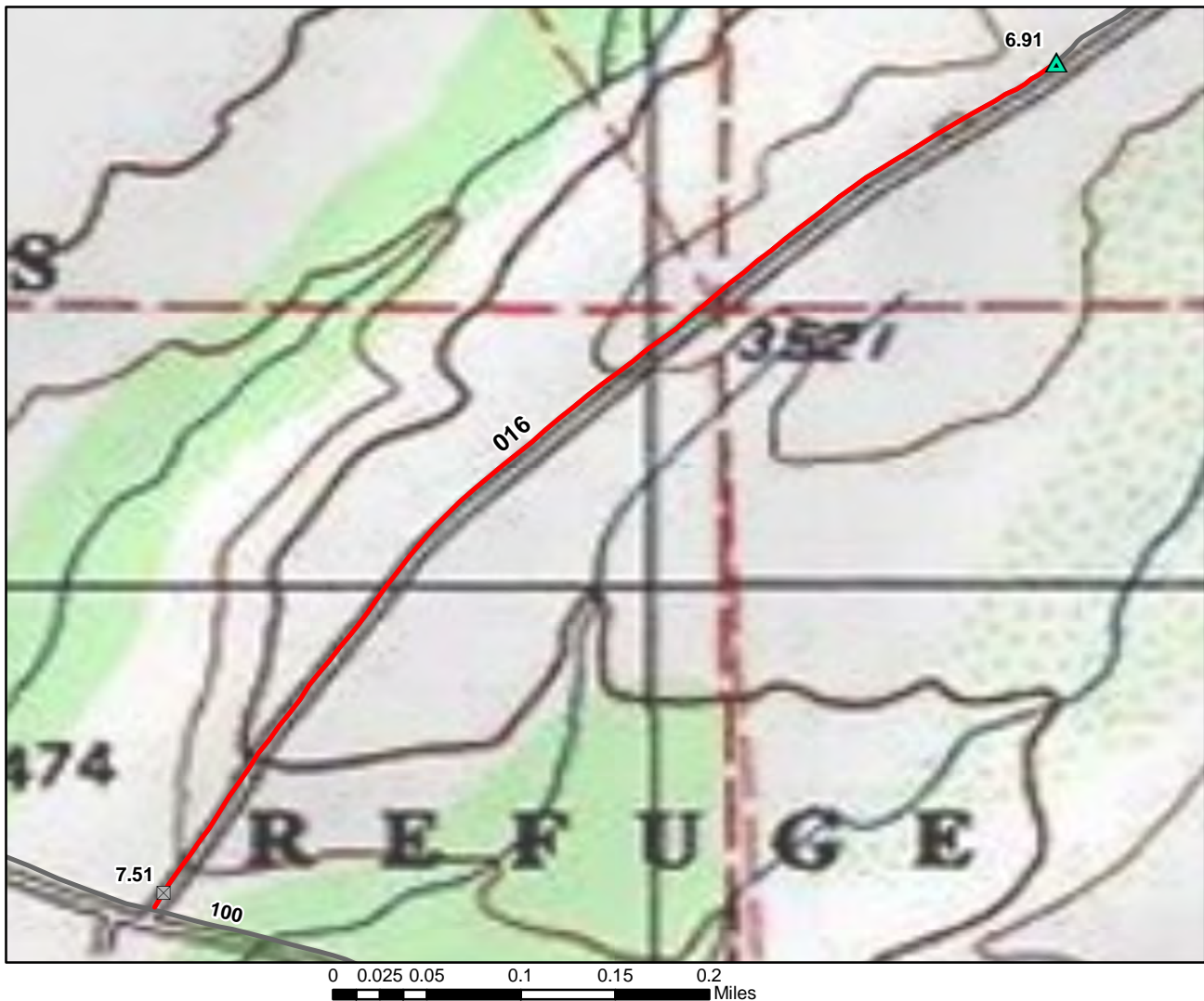
ROUTE: 011 Pronghorn Tour Loop Road

TOTAL LENGTH: 13.71 Miles

ASSET: 10041436

RTE DESCRIPTION: From Refuge Entrance Road (Rte 010) to end of loop

Section Number	011	012	013	014	015
Section Length (miles)	1.01	0.68	1.01	1.01	1.01
Inspection Date	3/10/2008	3/10/2008	3/25/2004	3/25/2004	3/25/2004
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Native	Native	Native
Number of Lanes	2	2	1	1	1
Roadway Width (feet)	20	21	11	11	11
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Failed	Failed
Remaining Service Life (years)	7	7	7	0	0
Cost Estimate	\$1600	\$1100	\$1700	\$121700	\$122700
CRV	\$685500	\$459400	\$356100	\$353500	\$356300



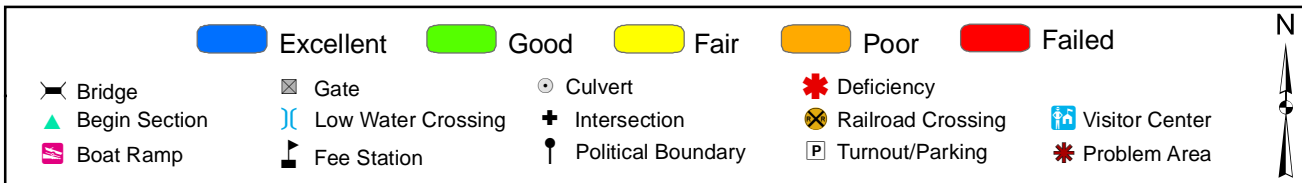
ROUTE: 011 Pronghorn Tour Loop Road TOTAL LENGTH: 13.71 Miles

ASSET: 10041436

RTE DESCRIPTION: From Refuge Entrance Road (Rte 010) to end of loop

Section Number	016				
Section Length (miles)	0.61				
Inspection Date	3/25/2004				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	11				
<b>Roadway Condition Information</b>					
Condition	Failed				
Remaining Service Life (years)	0				
Cost Estimate	\$74300				
CRV	\$215900				





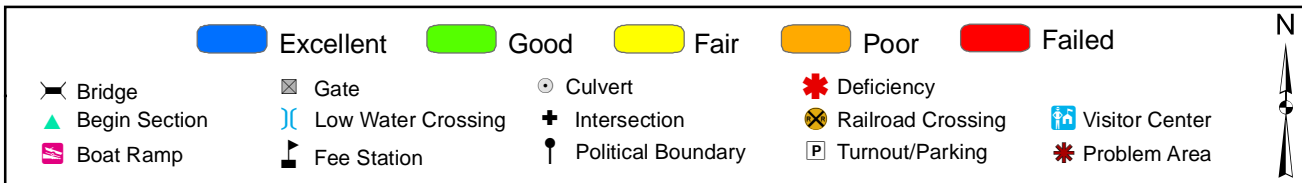
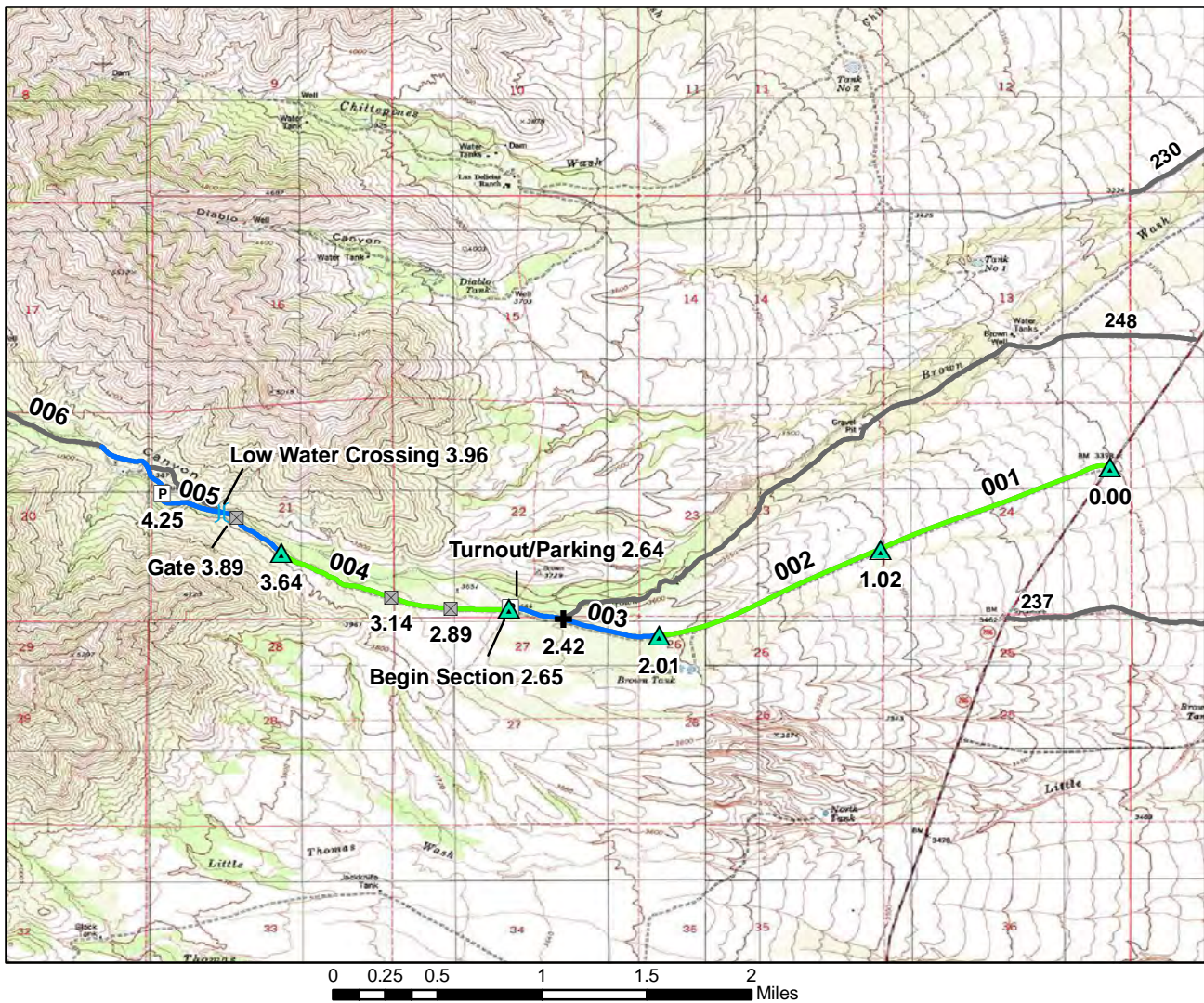
ROUTE: 101      Aguirre Lake Road      TOTAL LENGTH: 1.22 Miles

ASSET: 10041220

RTE DESCRIPTION: From Visitor Center Parking (Rte 900) to Aguirre Lake Parking (Rte 901)

Section Number	001	002			
Section Length (miles)	1.02	0.20			
Inspection Date	3/10/2008	3/10/2008			
<b>Section Information</b>					
Surface Type	Gravel	Gravel			
Number of Lanes	2	1			
Roadway Width (feet)	16	14			
<b>Roadway Condition Information</b>					
Condition	Good	Excellent			
Remaining Service Life (years)	7	9			
Cost Estimate	\$1600	\$0			
CRV	\$692500	\$138400			





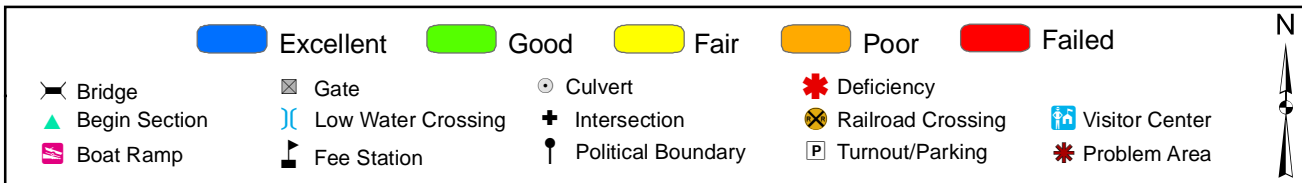
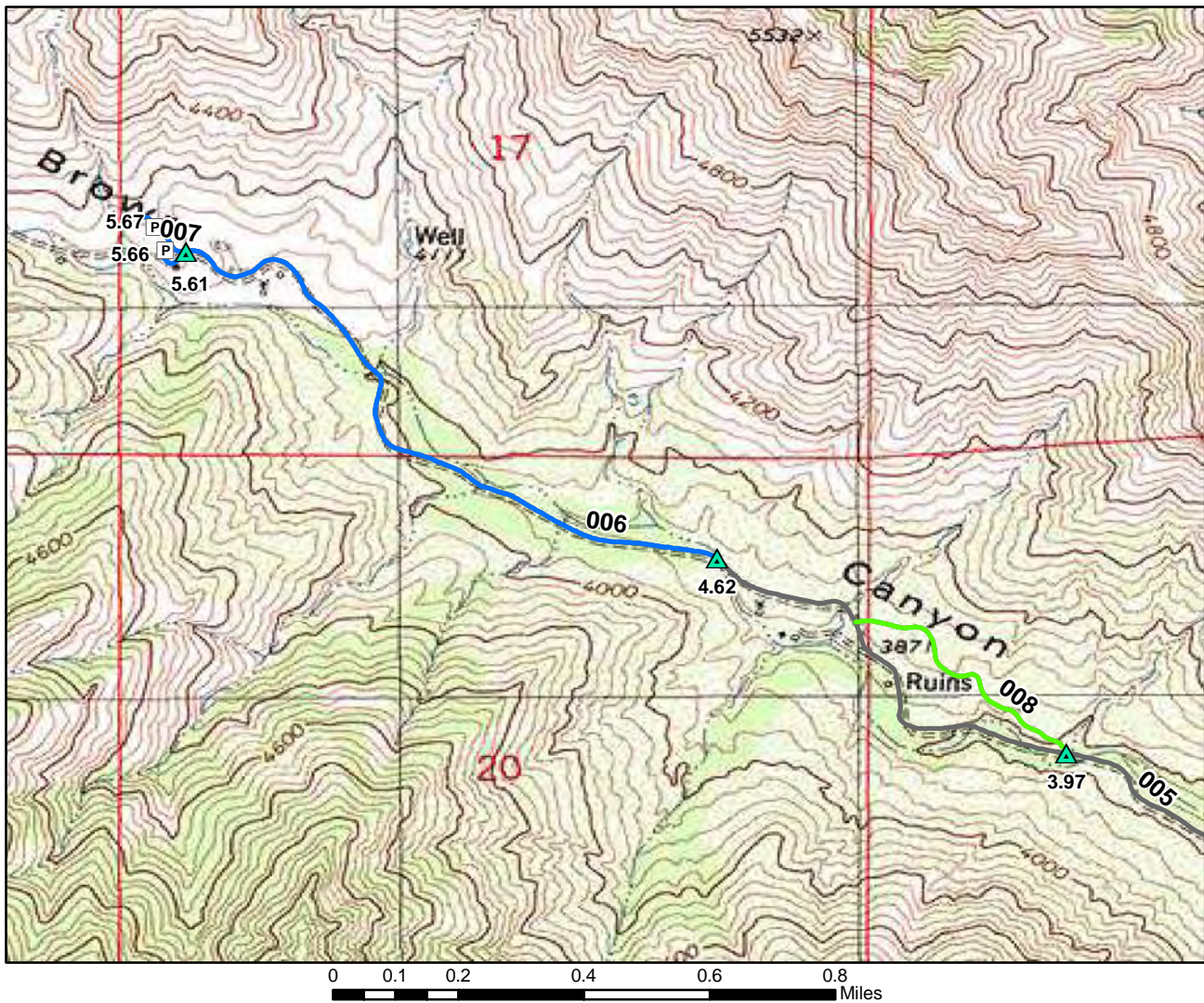
ROUTE: 102      Brown Canyon Road      TOTAL LENGTH: 6.15 Miles

ASSET: 10041223

RTE DESCRIPTION: From AZ Hwy 286 to Browns Trail (T301)

Section Number	001	002	003	004	005
Section Length (miles)	1.02	0.99	0.63	0.99	0.98
Inspection Date	3/10/2008	3/10/2008	3/10/2008	3/14/2008	3/14/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Native	Native
Number of Lanes	2	2	2	1	1
Roadway Width (feet)	16	16	16	10	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Excellent	Good	Excellent
Remaining Service Life (years)	7	7	8	7	10
Cost Estimate	\$1600	\$1600	\$0	\$1700	\$0
CRV	\$693200	\$676200	\$431400	\$349700	\$343200





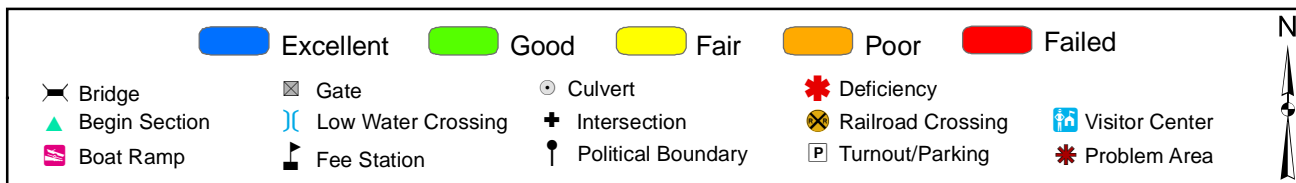
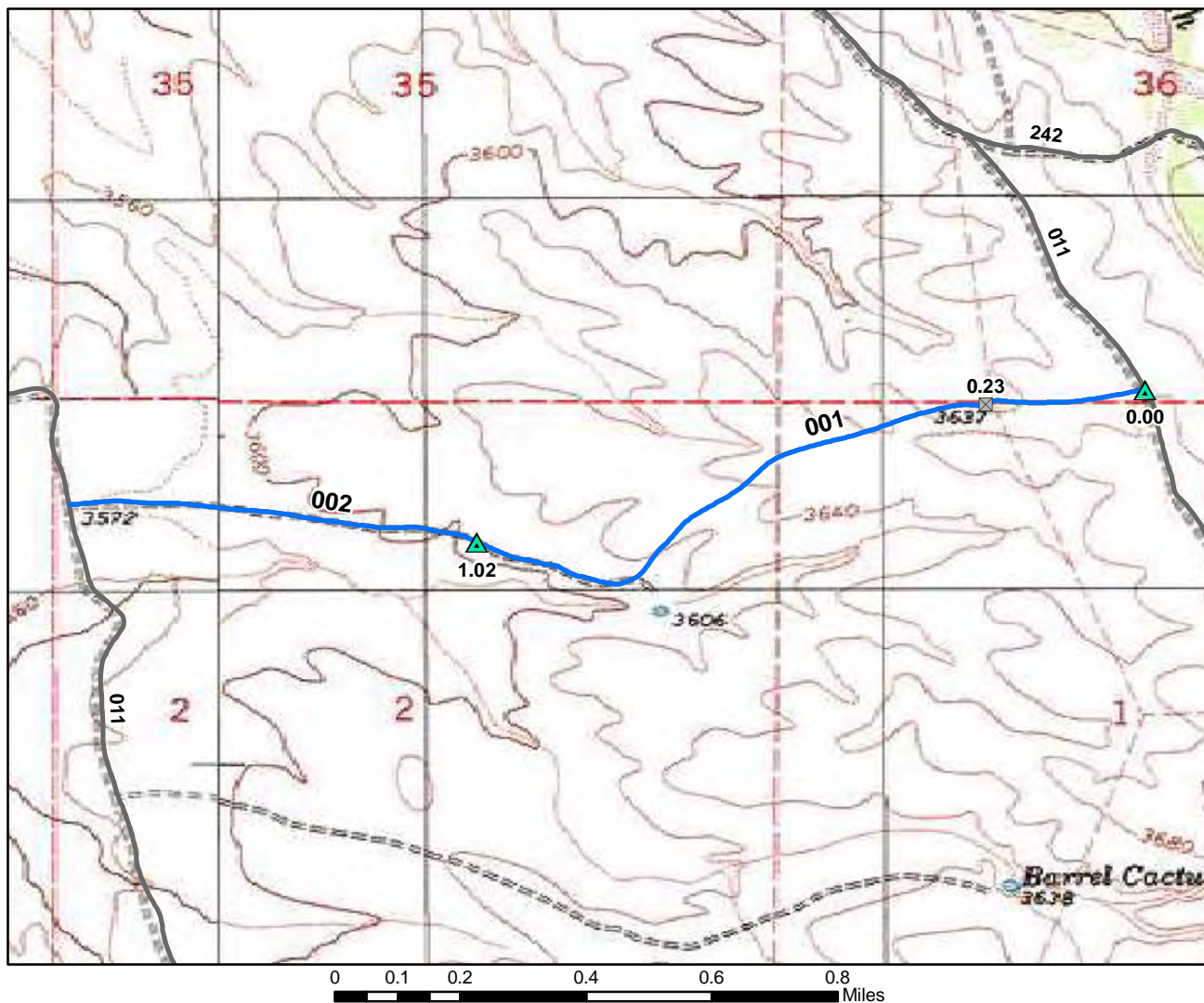
ROUTE: 102 Brown Canyon Road TOTAL LENGTH: 6.15 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Browns Trail (T301)

Section Number	006	007	008		
Section Length (miles)	1.07	0.06	0.40		
Inspection Date	3/14/2008	3/14/2008	3/14/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	11	10	10		
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good		
Remaining Service Life (years)	10	10	5		
Cost Estimate	\$0	\$0	\$700		
CRV	\$376500	\$22000	\$139400		





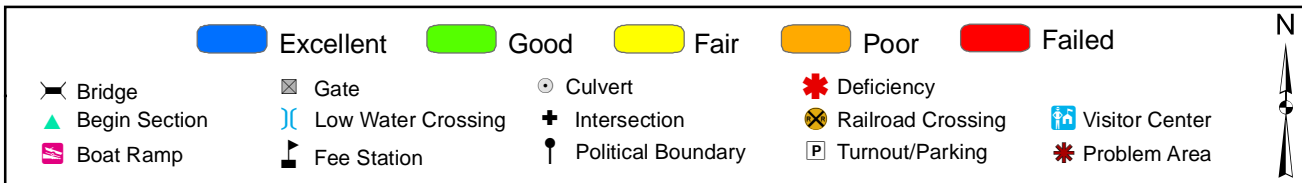
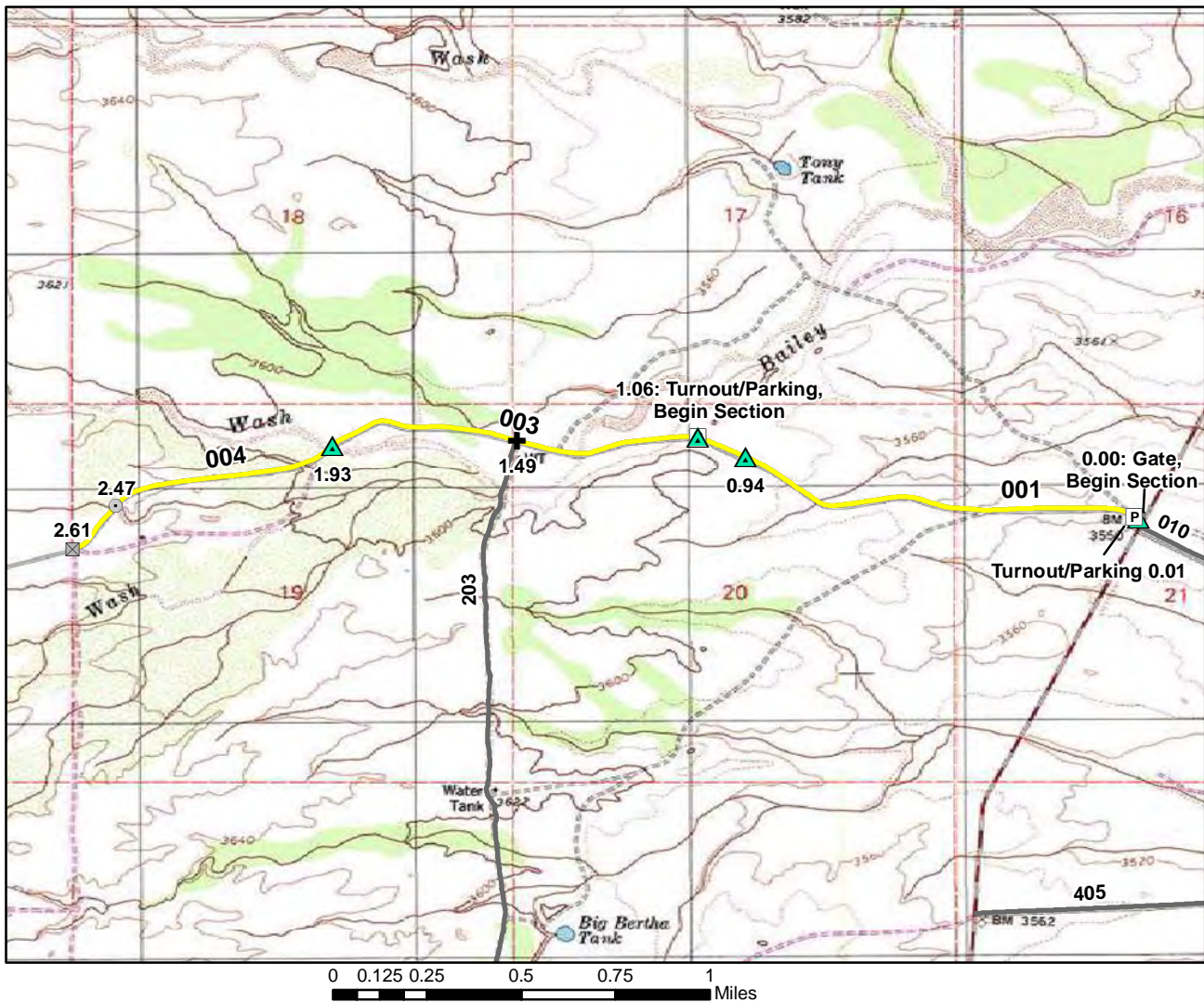
ROUTE: 200      Barrel Cactus Road      TOTAL LENGTH: 1.58 Miles

ASSET: 10009539

RTE DESCRIPTION: From Antelope Tour Loop (Rte 011) to Antelope Tour Loop (Rte 011)

Section Number	001	002			
Section Length (miles)	1.02	0.56			
Inspection Date	3/11/2008	3/11/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	14	12			
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent			
Remaining Service Life (years)	9	9			
Cost Estimate	\$0	\$0			
CRV	\$360200	\$197100			



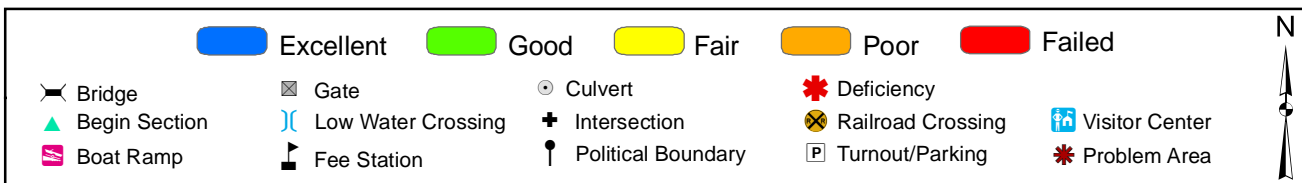
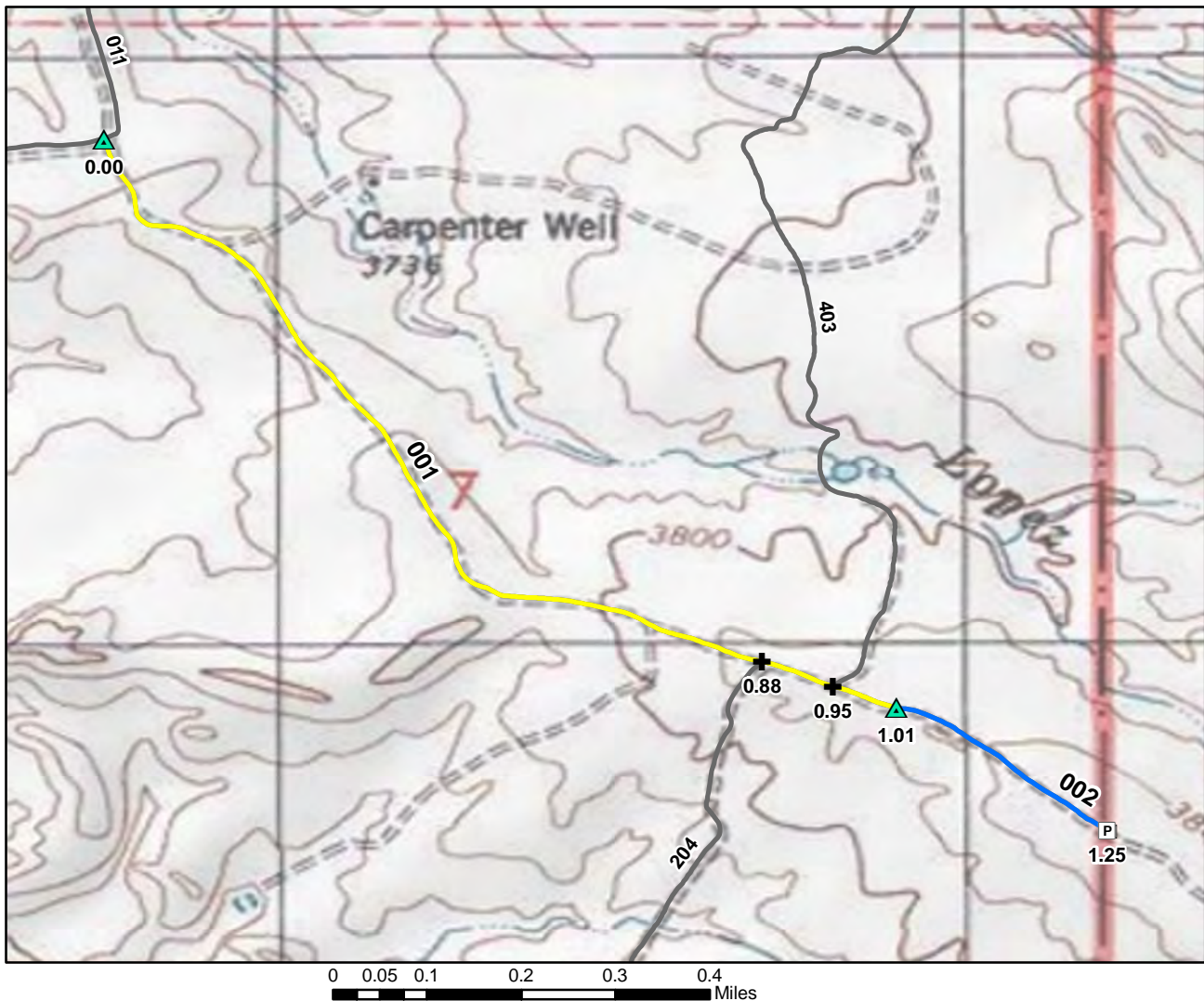


ROUTE: 201      Aros Ranch Road      TOTAL LENGTH: 2.61 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to refuge boundary

Section Number	001	002	003	004
Section Length (miles)	0.94	0.12	0.86	0.68
Inspection Date	3/11/2008	3/11/2008	3/11/2008	3/11/2008
<b>Section Information</b>				
Surface Type	Native	Native	Native	Native
Number of Lanes	2	2	2	1
Roadway Width (feet)	18	18	16	14
<b>Roadway Condition Information</b>				
Condition	Fair	Fair	Fair	Fair
Remaining Service Life (years)	3	3	3	3
Cost Estimate	\$2000	\$300	\$1800	\$1500
CRV	\$332100	\$42300	\$304200	\$240200



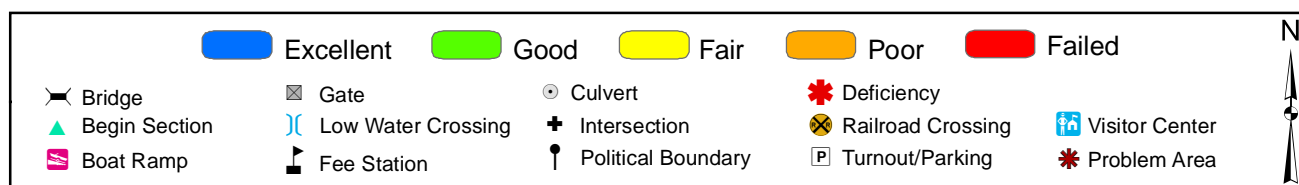
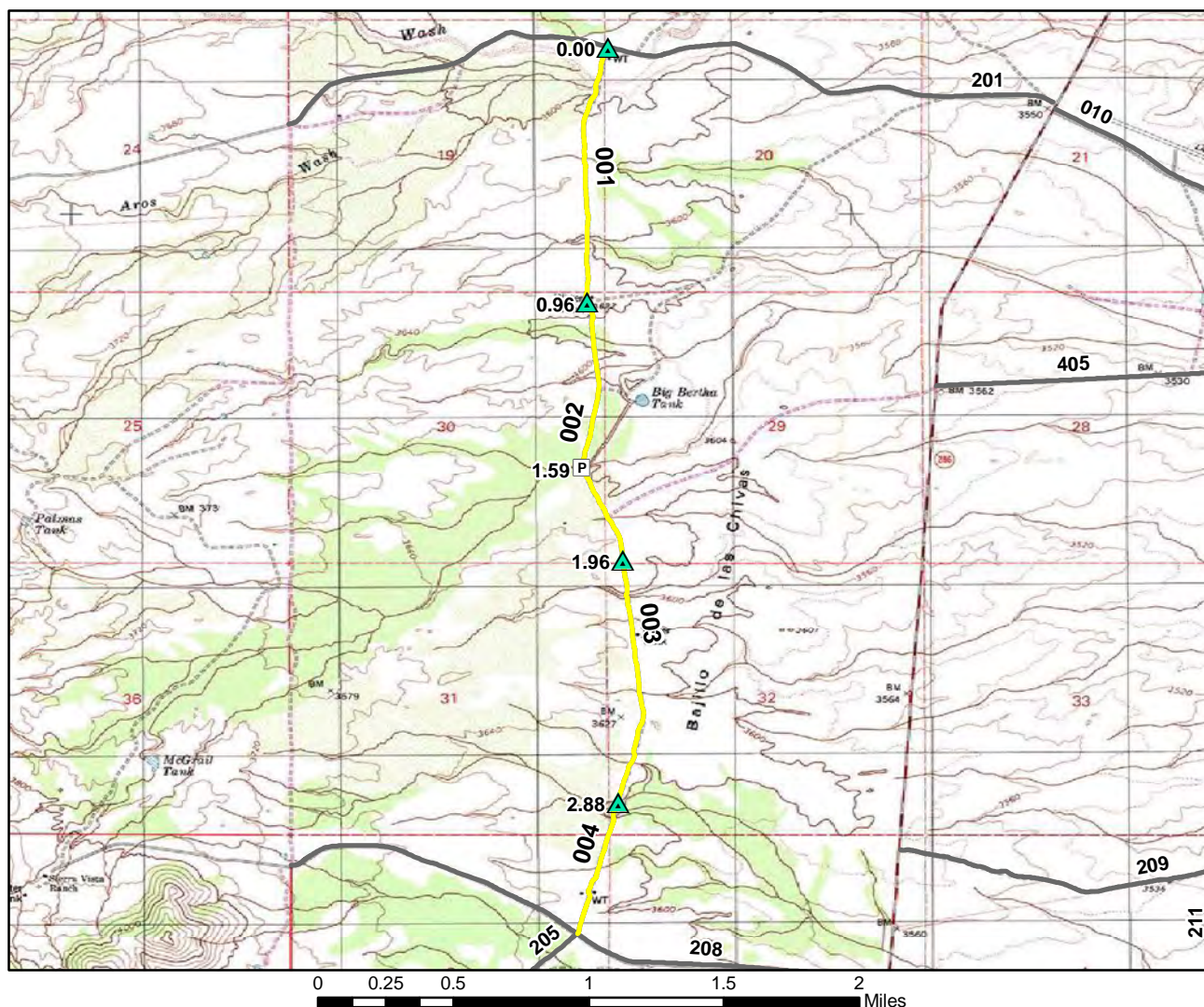
ROUTE: 202 Forest Access Road TOTAL LENGTH: 1.25 Miles

ASSET: 10009539

RTE DESCRIPTION: From Pronghorn Tour Loop (Rte 011) to refuge boundary

Section Number	001	002			
Section Length (miles)	1.01	0.24			
Inspection Date	3/11/2008	3/11/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	2	1			
Roadway Width (feet)	16	12			
<b>Roadway Condition Information</b>					
Condition	Fair	Excellent			
Remaining Service Life (years)	3	9			
Cost Estimate	\$2200	\$0			
CRV	\$356400	\$83200			





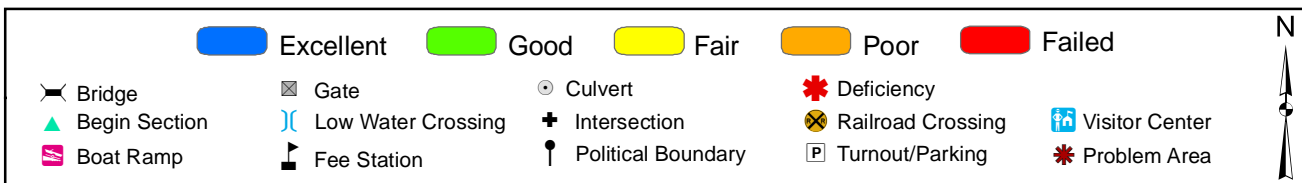
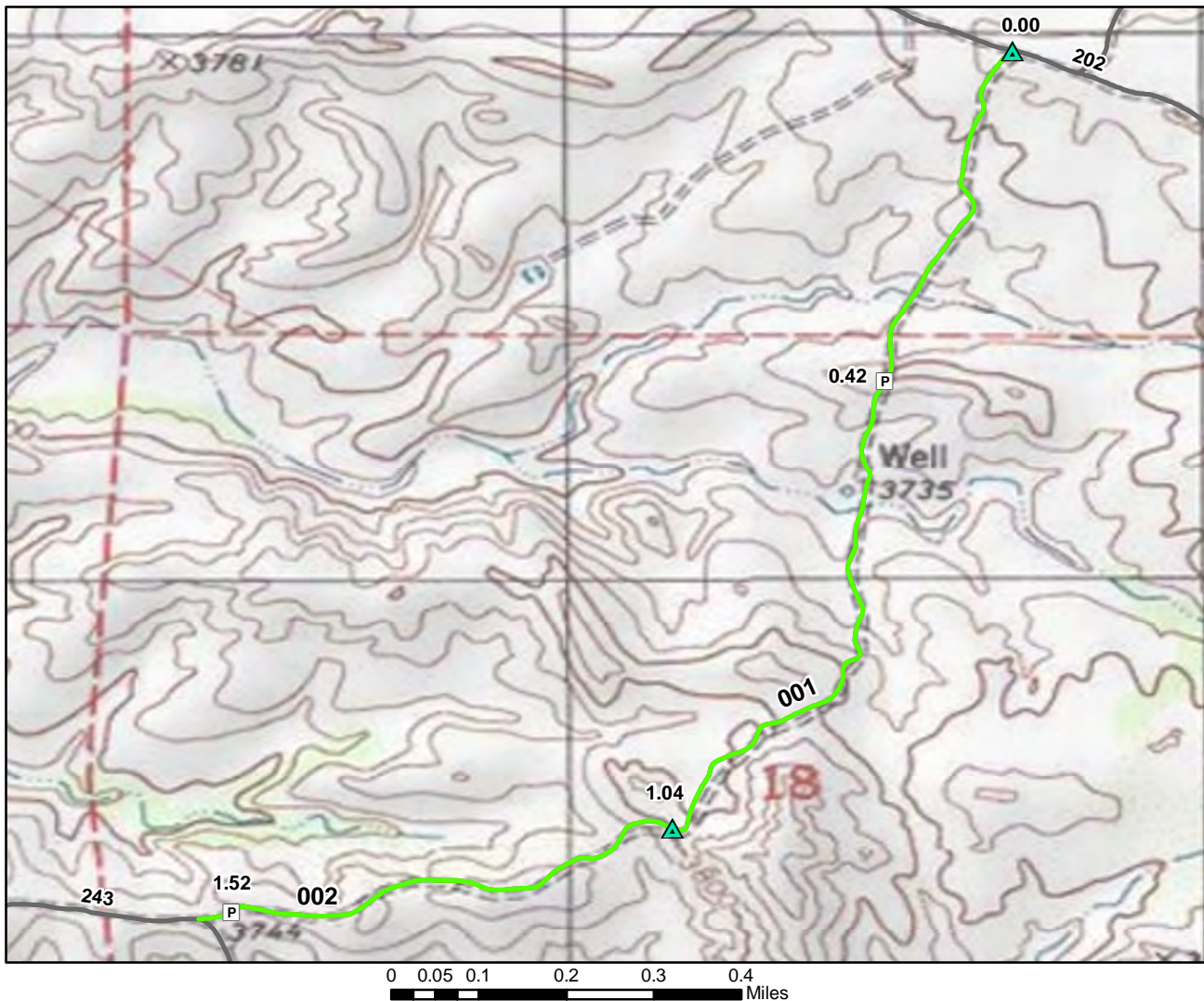
ROUTE: 203      Big Bertha Road

TOTAL LENGTH: 3.39 Miles

ASSET: 10009539

RTE DESCRIPTION: From Aros Ranch Road (Rte 201) to Sierra Vista Road (Rte 208)

Section Number	001	002	003	004
Section Length (miles)	0.96	1.00	0.92	0.51
Inspection Date	3/11/2008	3/11/2008	3/11/2008	3/11/2008
<b>Section Information</b>				
Surface Type	Native	Native	Native	Native
Number of Lanes	1	1	1	1
Roadway Width (feet)	10	10	10	10
<b>Roadway Condition Information</b>				
Condition	Fair	Fair	Fair	Fair
Remaining Service Life (years)	3	3	3	3
Cost Estimate	\$2000	\$2100	\$2000	\$1100
CRV	\$338000	\$351100	\$322200	\$180000



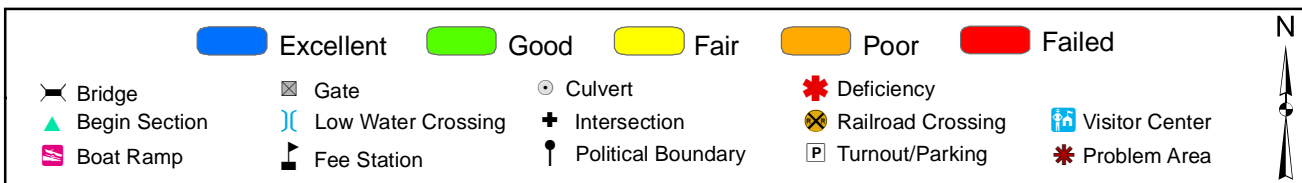
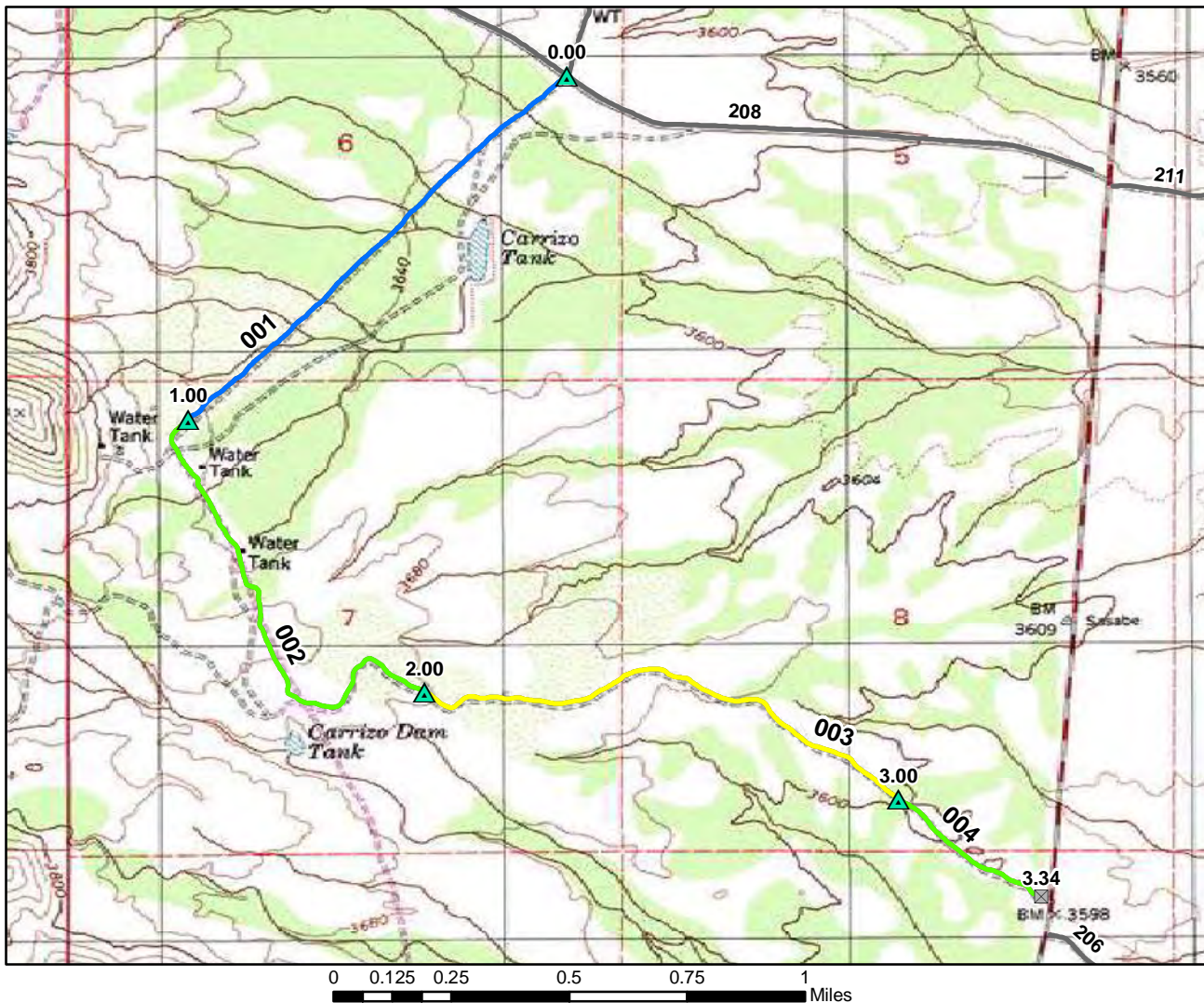
ROUTE: 204 Herman Tank Road TOTAL LENGTH: 1.56 Miles

ASSET: 10009539

RTE DESCRIPTION: From Forest Access Road (Rte 202) to Yellow Jacket Road (Rte 243)

Section Number	001	002			
Section Length (miles)	1.04	0.51			
Inspection Date	3/11/2008	3/11/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	11	11			
<b>Roadway Condition Information</b>					
Condition	Good	Good			
Remaining Service Life (years)	7	7			
Cost Estimate	\$1800	\$900			
CRV	\$366700	\$180800			





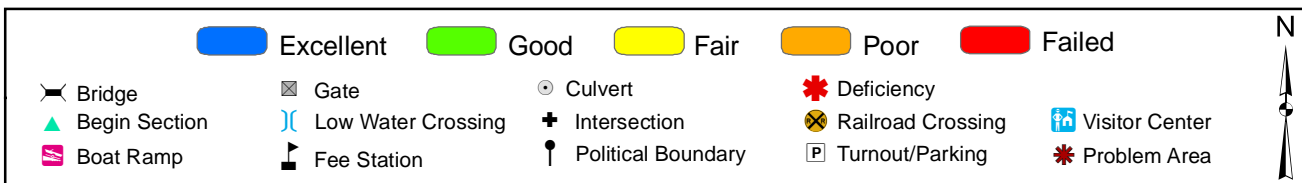
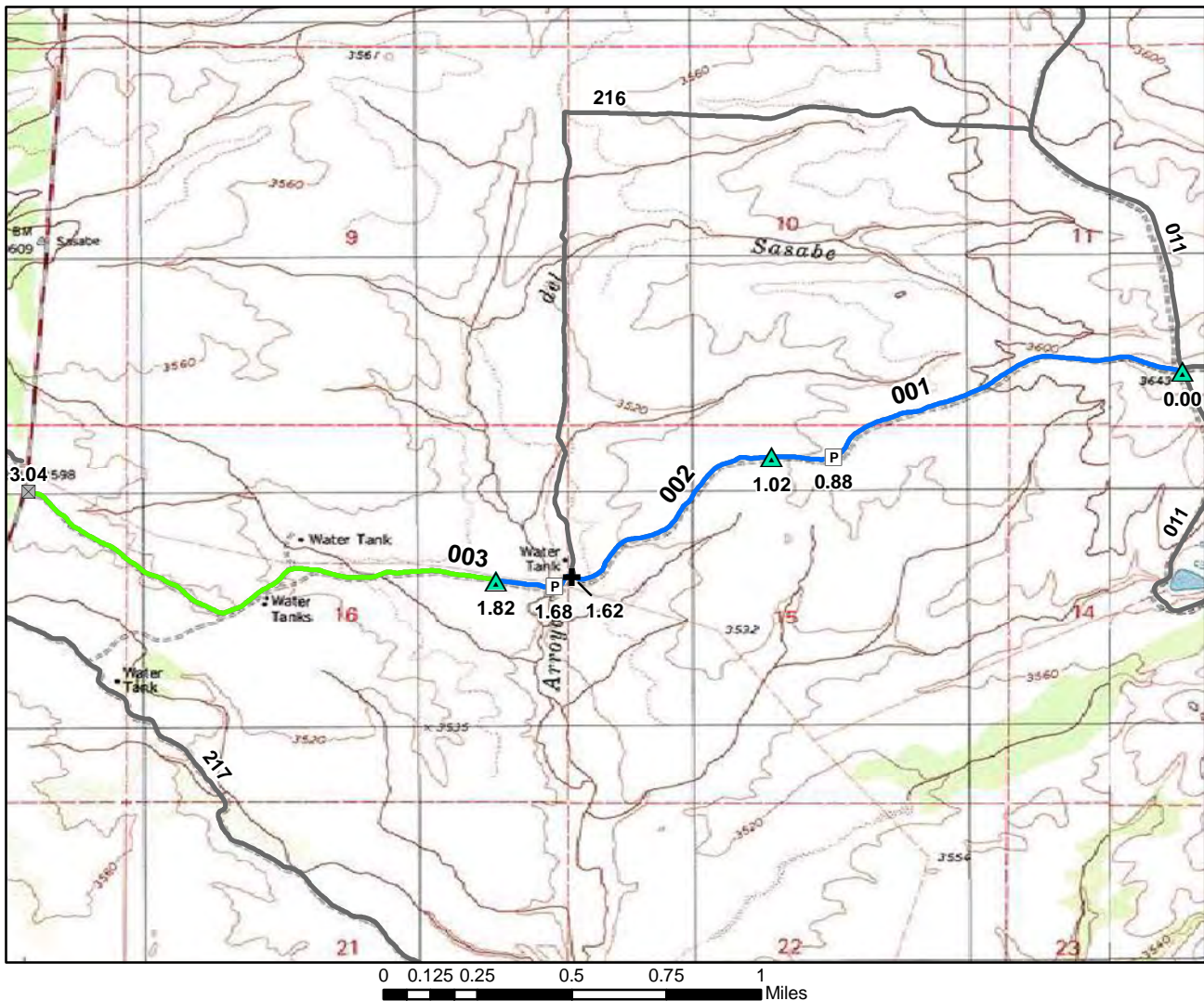
ROUTE: 205 Carrizo Tank Road

TOTAL LENGTH: 3.34 Miles

ASSET: 10009539

RTE DESCRIPTION: From Sierra Vista Road (Rte 208) to AZ Hwy 286

Section Number	001	002	003	004	
Section Length (miles)	1.00	1.00	1.00	0.34	
Inspection Date	3/11/2008	3/11/2008	3/11/2008	3/11/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	10	9	10	10	
<b>Roadway Condition Information</b>					
Condition	Excellent	Good	Fair	Good	
Remaining Service Life (years)	9	7	3	6	
Cost Estimate	\$0	\$1700	\$2100	\$600	
CRV	\$353300	\$350200	\$353300	\$119100	



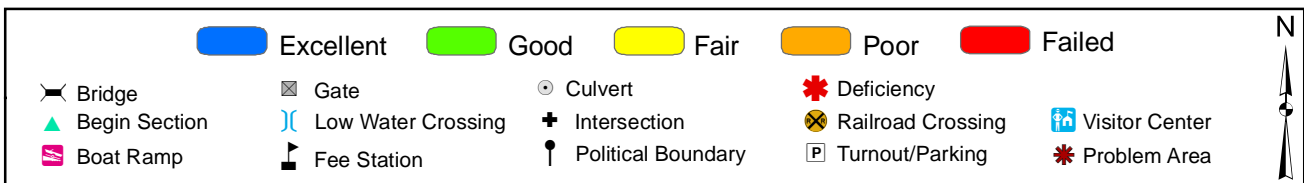
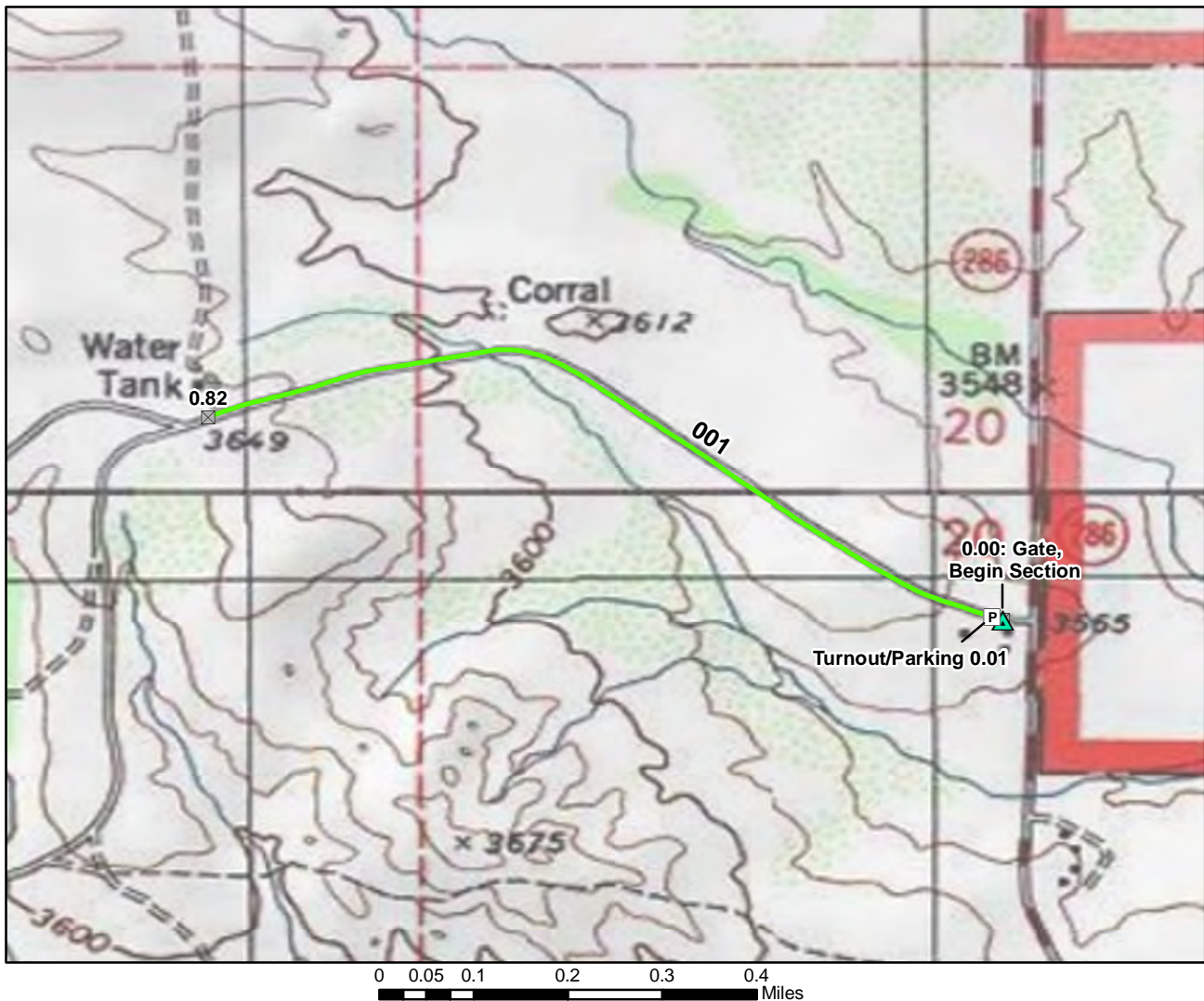
ROUTE: 206 Burnt Corral Road TOTAL LENGTH: 3.04 Miles

ASSET: 10009539

RTE DESCRIPTION: From Antelope Tour Loop (Rte 011) to AZ Hwy 286

Section Number	001	002	003		
Section Length (miles)	1.02	0.79	1.22		
Inspection Date	3/11/2008	3/11/2008	3/11/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	13	15	15		
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good		
Remaining Service Life (years)	9	9	7		
Cost Estimate	\$0	\$0	\$2100		
CRV	\$359900	\$279200	\$430800		



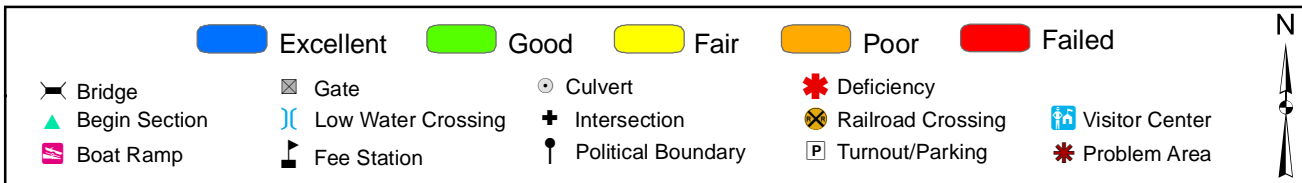


ROUTE: 207 La Osa Road TOTAL LENGTH: 0.82 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to refuge boundary

Section Number	001				
Section Length (miles)	0.82				
Inspection Date	3/11/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	2				
Roadway Width (feet)	20				
<b>Roadway Condition Information</b>					
Condition	Good				
Remaining Service Life (years)	7				
Cost Estimate	\$1400				
CRV	\$288500				



ROUTE: 208 Sierra Vista Road

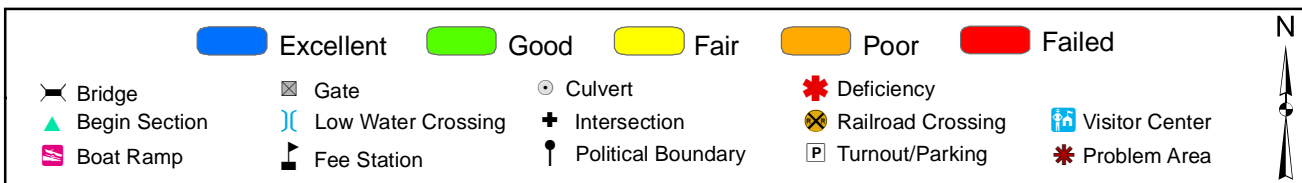
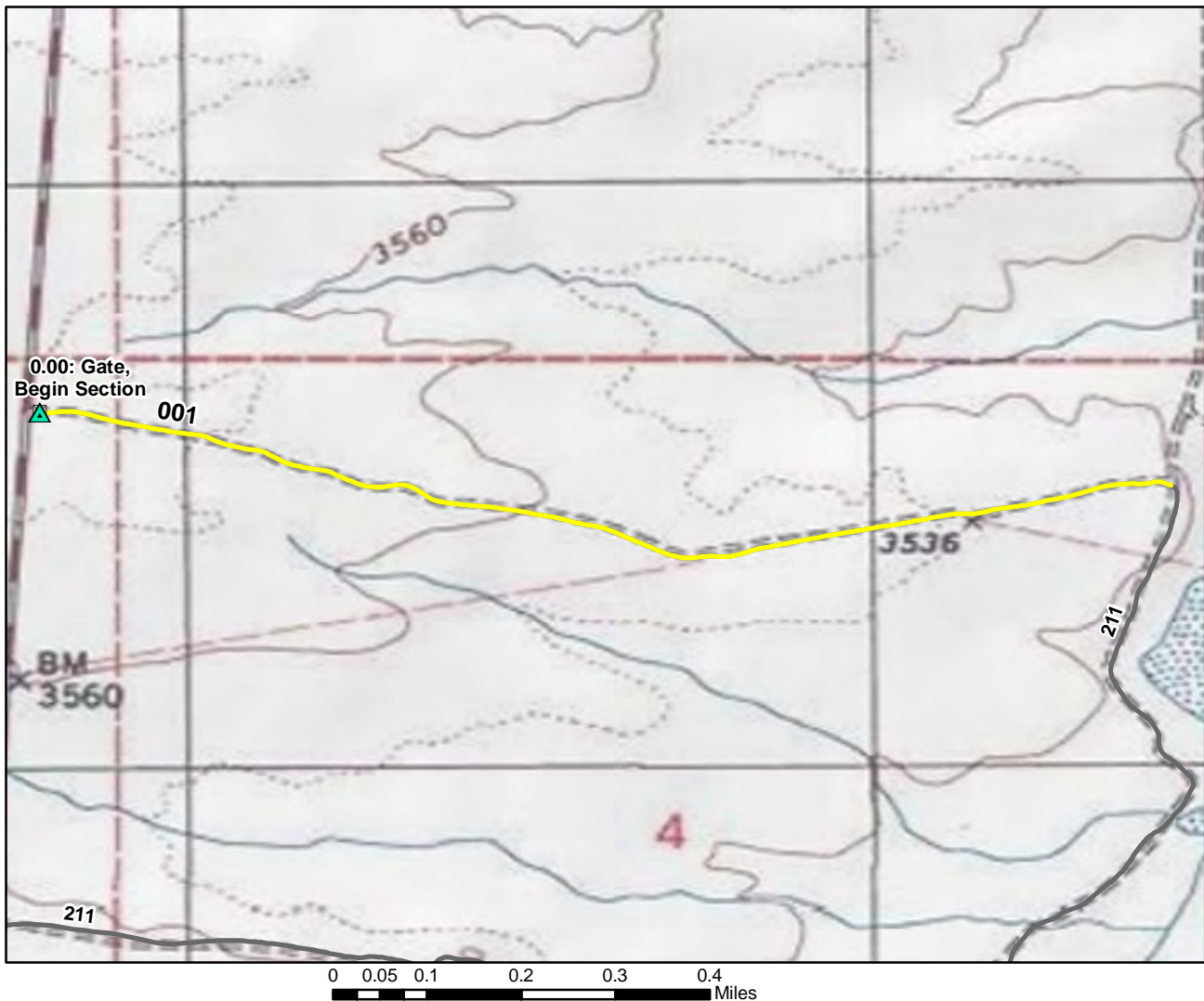
TOTAL LENGTH: 2.01 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to refuge boundary

Section Number	001	002			
Section Length (miles)	0.99	1.02			
Inspection Date	3/11/2008	3/11/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	2	2			
Roadway Width (feet)	22	18			
<b>Roadway Condition Information</b>					
Condition	Excellent	Good			
Remaining Service Life (years)	8	7			
Cost Estimate	\$0	\$1700			
CRV	\$347400	\$357200			



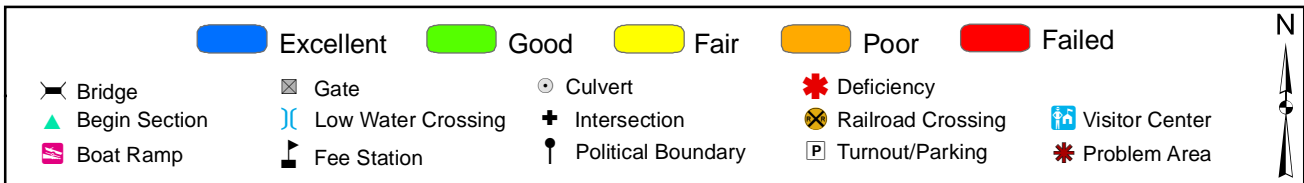
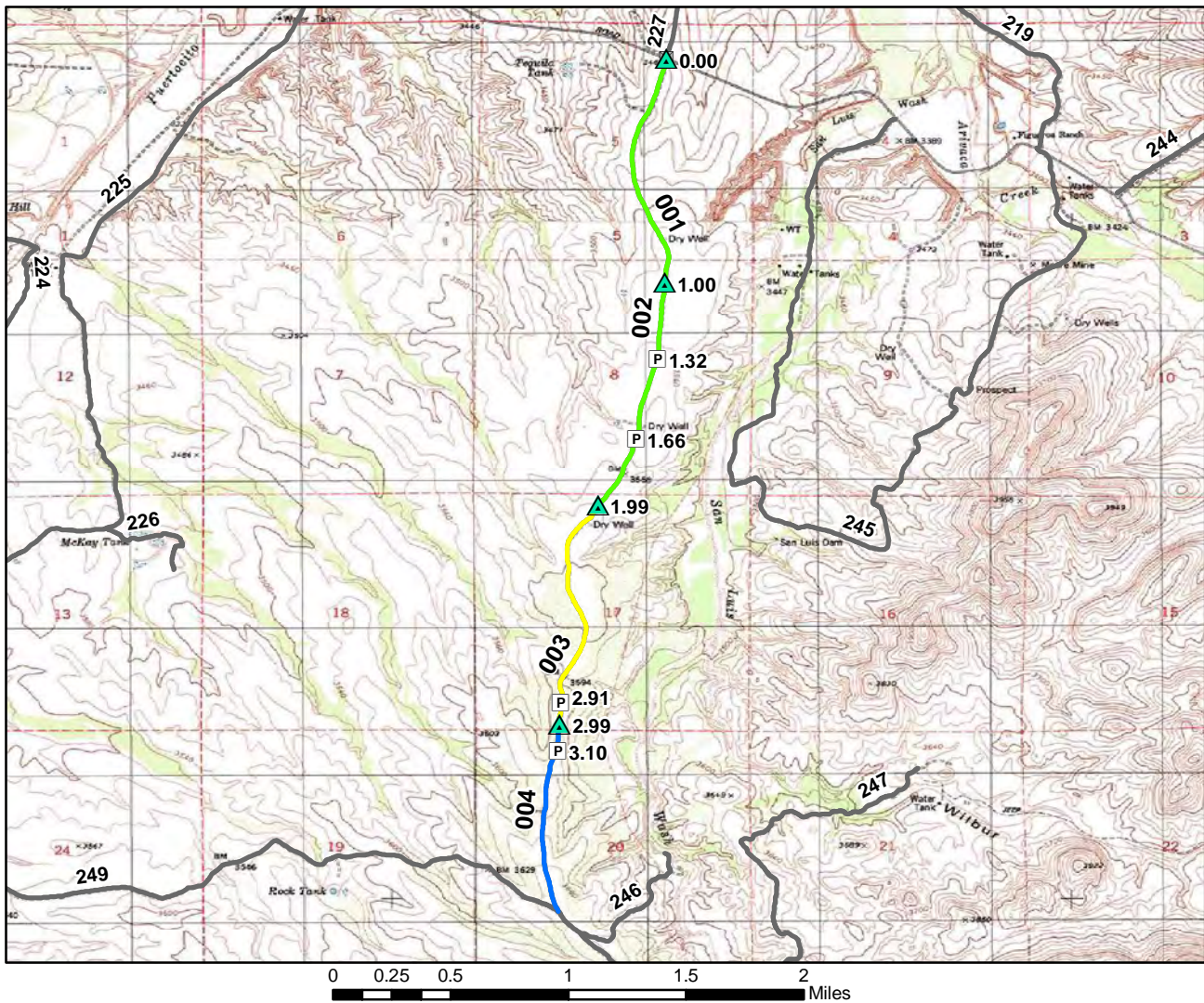


ROUTE: 209 Mormon North Road TOTAL LENGTH: 1.06 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Mormon South Road (Rte 211)

Section Number	001				
Section Length (miles)	1.06				
Inspection Date	3/11/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	10				
<b>Roadway Condition Information</b>					
Condition	Fair				
Remaining Service Life (years)	3				
Cost Estimate	\$2300				
CRV	\$374500				



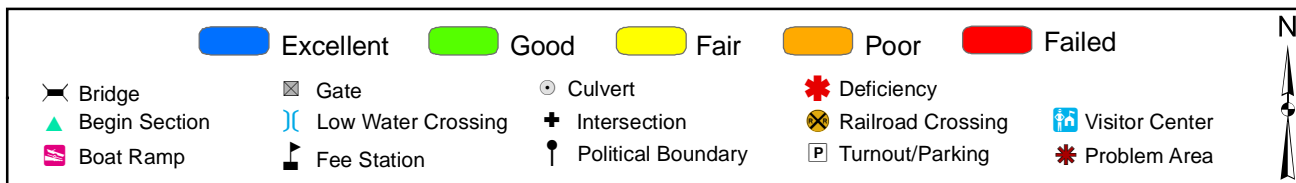
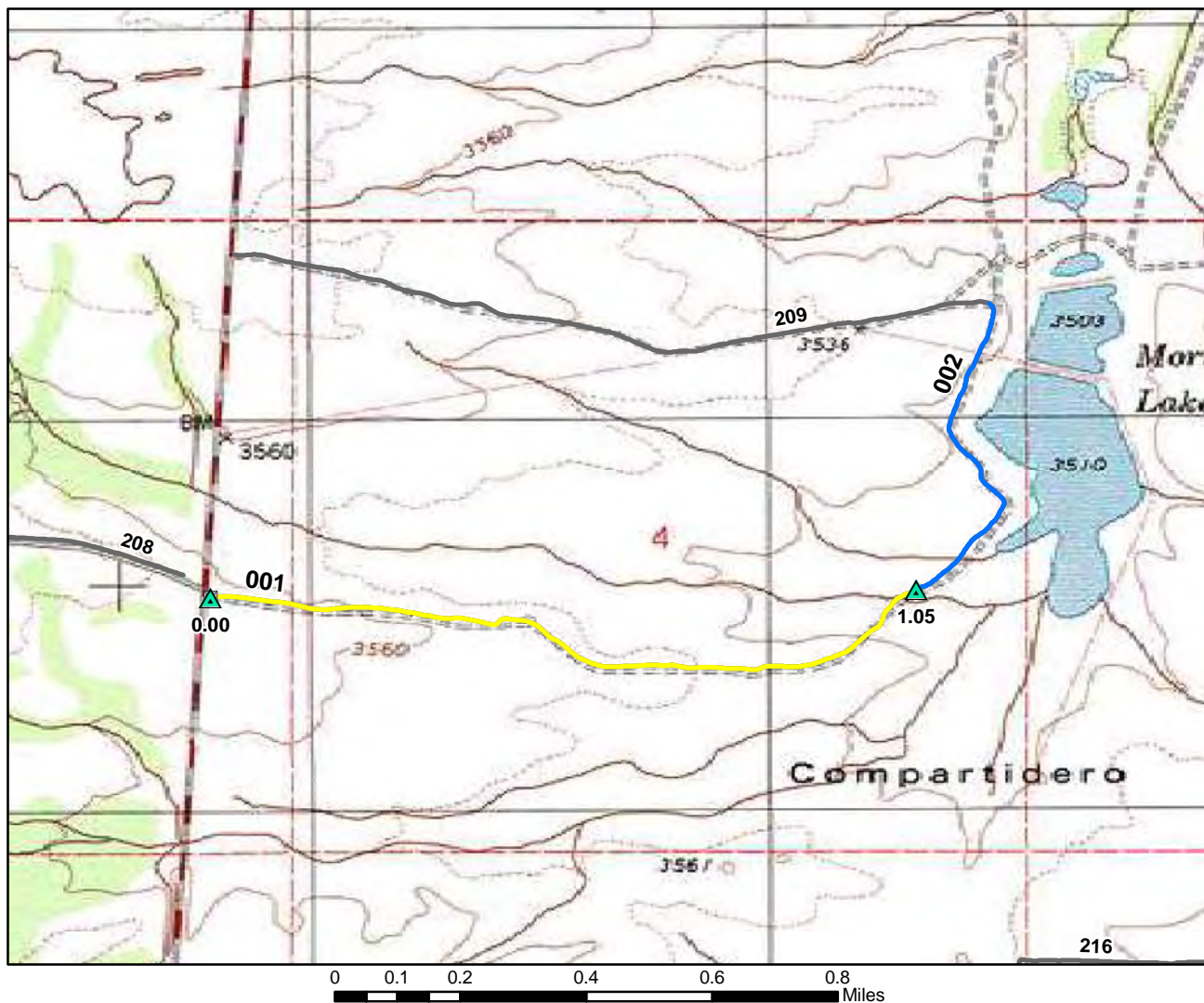
ROUTE: 210 High Gates South Road TOTAL LENGTH: 3.80 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Rock Tank Road (Rte 249)

Section Number	001	002	003	004	
Section Length (miles)	1.00	0.99	1.00	0.81	
Inspection Date	3/12/2008	3/12/2008	3/12/2008	3/12/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	2	1	1	1	
Roadway Width (feet)	16	14	14	15	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair	Excellent	
Remaining Service Life (years)	7	7	3	9	
Cost Estimate	\$1700	\$1700	\$2100	\$0	
CRV	\$350900	\$348400	\$353100	\$285500	



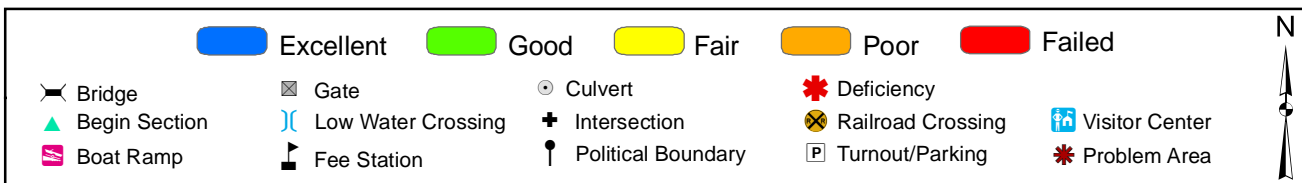


ROUTE: 211      Mormon South Road      TOTAL LENGTH: 1.59 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Mormon North Road (Rte 209)

Section Number	001	002			
Section Length (miles)	1.05	0.54			
Inspection Date	3/11/2008	3/11/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	10	10			
<b>Roadway Condition Information</b>					
Condition	Fair	Excellent			
Remaining Service Life (years)	3	9			
Cost Estimate	\$2200	\$0			
CRV	\$368000	\$190600			



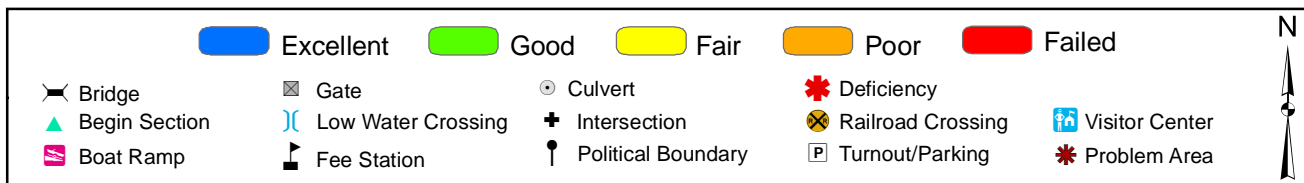
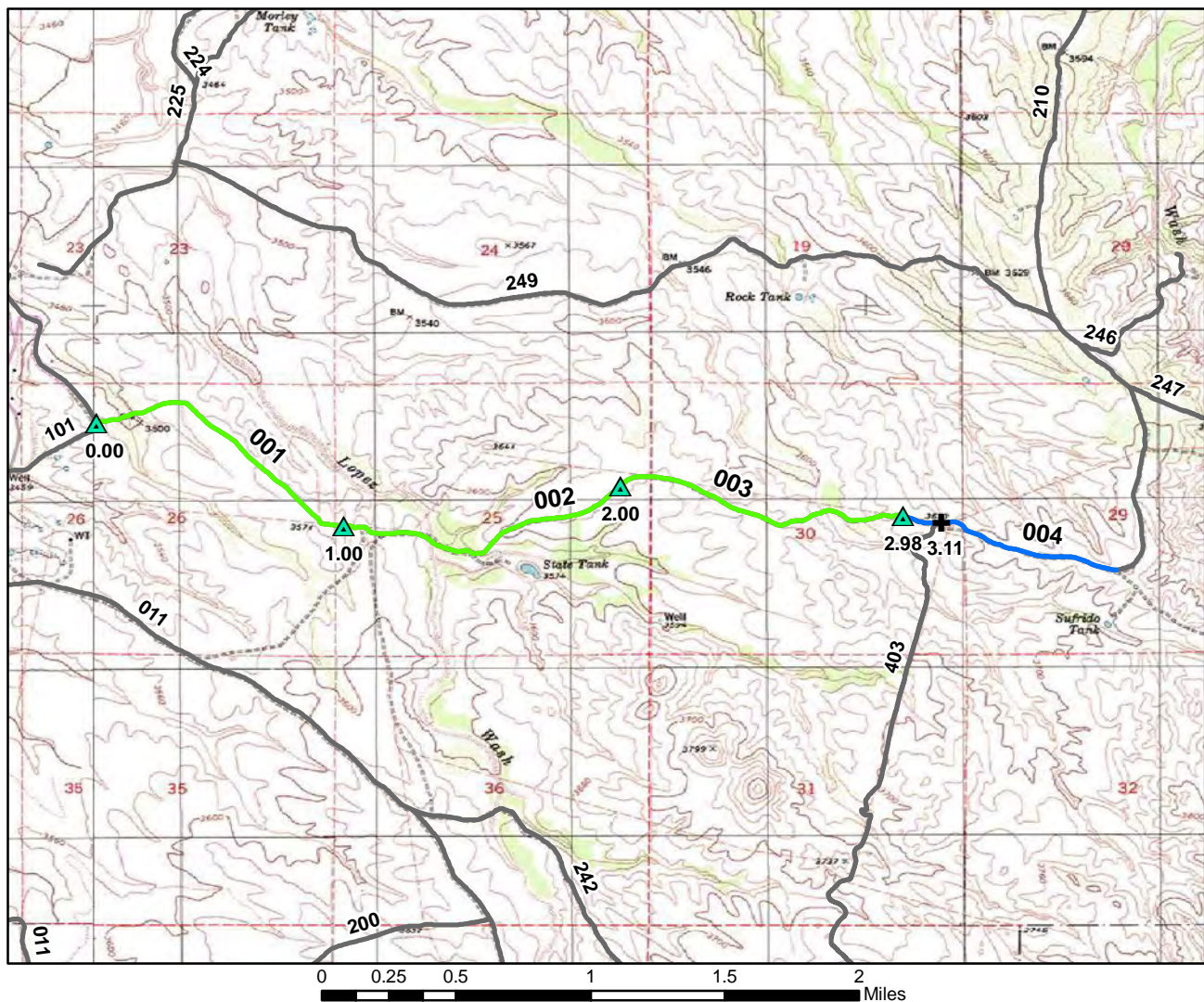
ROUTE: 212 Jo King Ranch Road TOTAL LENGTH: 0.18 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to refuge boundary

Section Number	001				
Section Length (miles)	0.18				
Inspection Date	3/12/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	2				
Roadway Width (feet)	18				
<b>Roadway Condition Information</b>					
Condition	Fair				
Remaining Service Life (years)	3				
Cost Estimate	\$400				
CRV	\$62900				





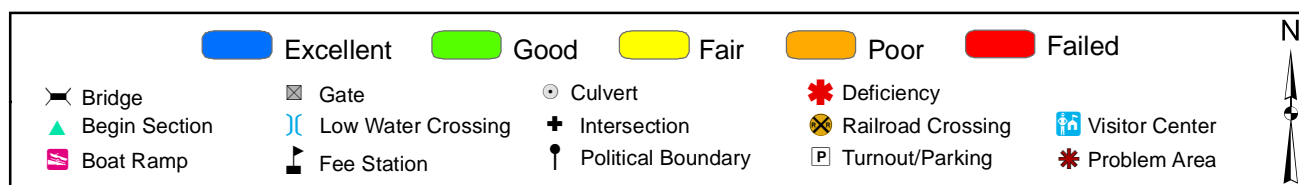
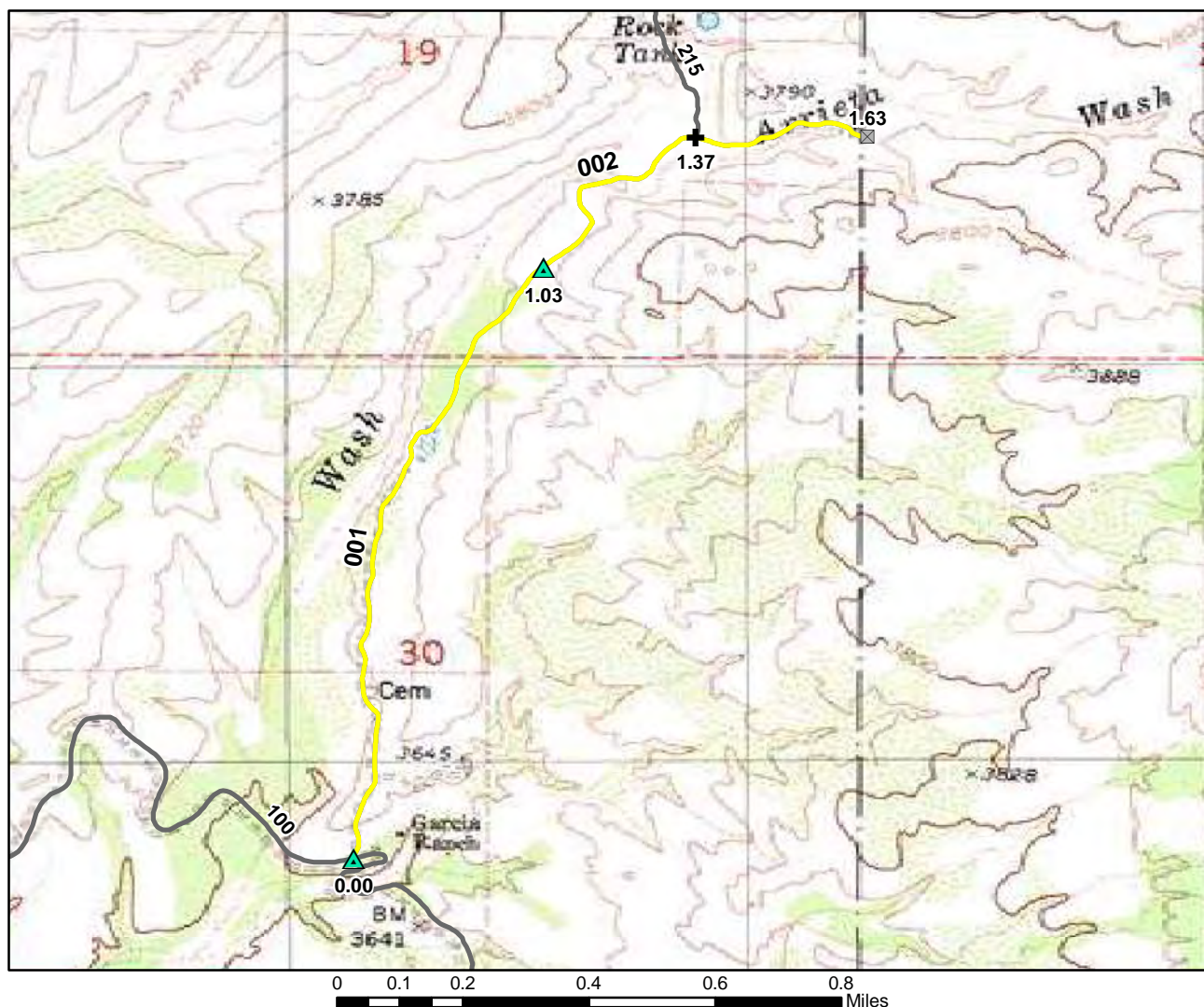
ROUTE: 213 State Tank Road

TOTAL LENGTH: 3.71 Miles

ASSET: 10009539

RTE DESCRIPTION: From Aguirre Lake Road (Rte 101) to Rock Tank Road (Rte 213)

Section Number	001	002	003	004
Section Length (miles)	1.00	1.00	0.98	0.73
Inspection Date	3/14/2008	3/14/2008	3/14/2008	3/14/2008
<b>Section Information</b>				
Surface Type	Native	Native	Native	Native
Number of Lanes	1	1	1	1
Roadway Width (feet)	9	10	9	9
<b>Roadway Condition Information</b>				
Condition	Good	Good	Good	Excellent
Remaining Service Life (years)	5	7	7	9
Cost Estimate	\$1700	\$1700	\$1700	\$0
CRV	\$351000	\$350900	\$345300	\$256100



ROUTE: 214 Cemetery Road

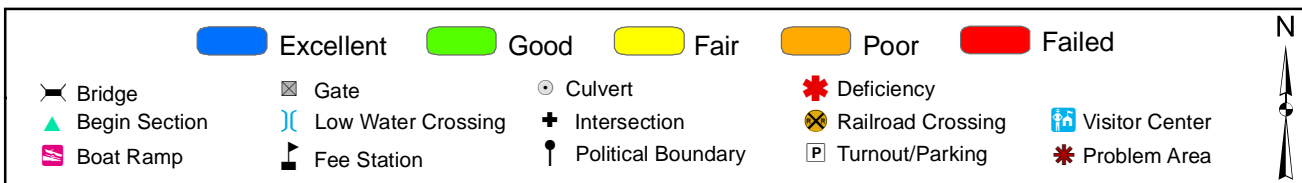
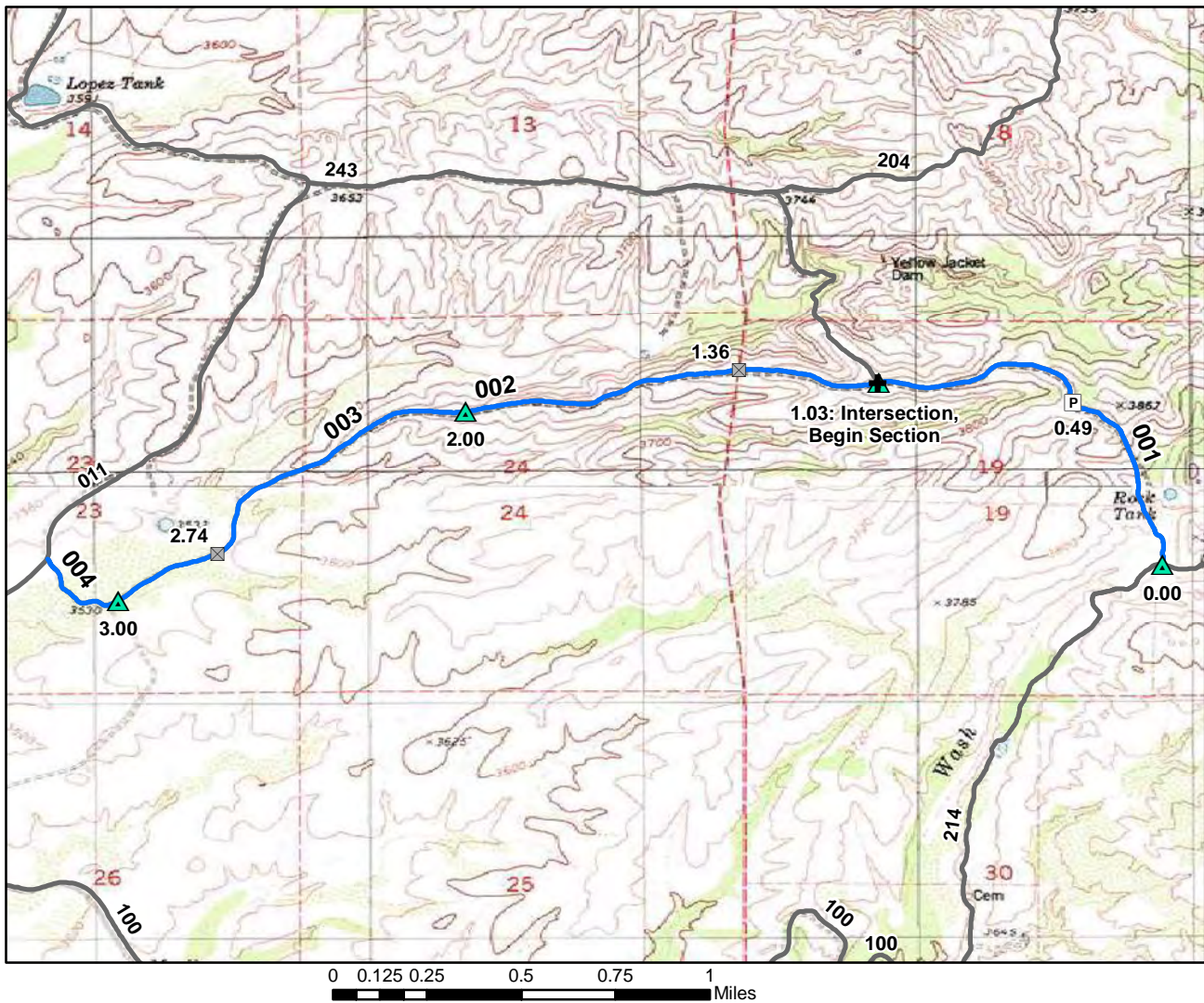
TOTAL LENGTH: 1.63 Miles

ASSET: 10009539

RTE DESCRIPTION: From Sasabe Road (Rte 100) to refuge boundary

Section Number	001	002			
Section Length (miles)	1.03	0.60			
Inspection Date	3/12/2008	3/12/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	10	10			
<b>Roadway Condition Information</b>					
Condition	Fair	Fair			
Remaining Service Life (years)	3	3			
Cost Estimate	\$2200	\$1300			
CRV	\$362100	\$210800			



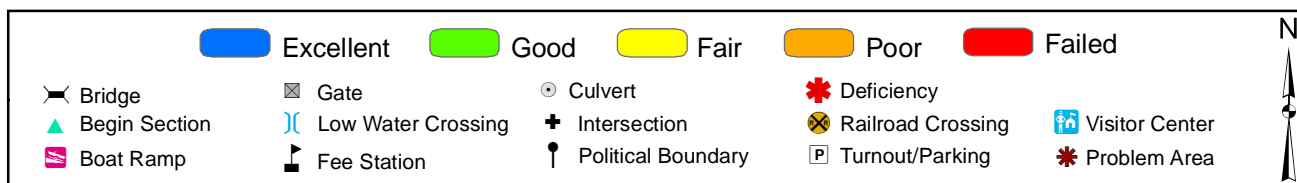
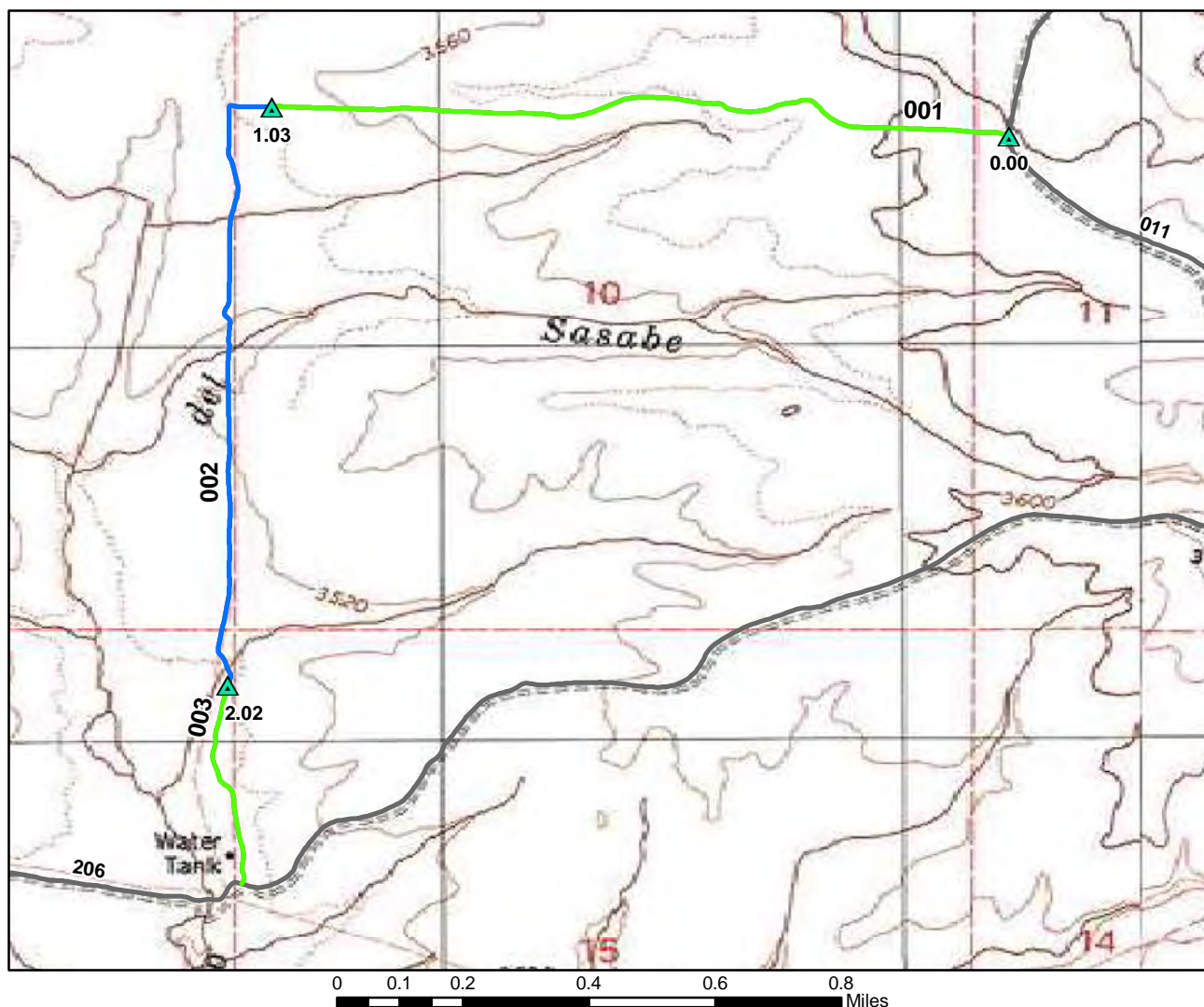


ROUTE: 215 Chivo Tank Road TOTAL LENGTH: 3.24 Miles

ASSET: 10009539

RTE DESCRIPTION: From Pronghorn Tour Loop (011) to Cemetery Road (Rte 100)

Section Number	001	002	003	004	
Section Length (miles)	1.03	0.97	1.00	0.24	
Inspection Date	3/12/2008	3/12/2008	3/12/2008	3/12/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	10	10	12	10	
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Excellent	Excellent	
Remaining Service Life (years)	9	9	9	9	
Cost Estimate	\$0	\$0	\$0	\$0	
CRV	\$362100	\$340400	\$353000	\$83400	



ROUTE: 216 Compartidero Road

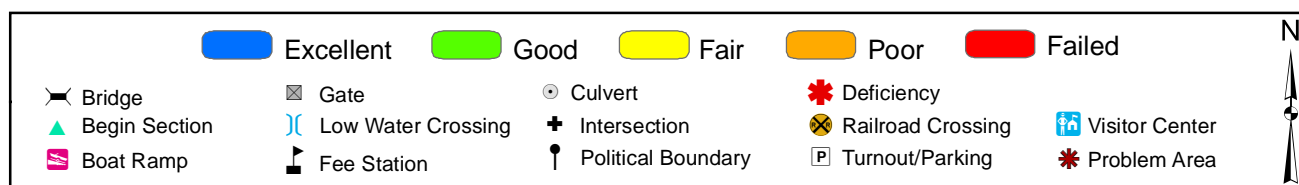
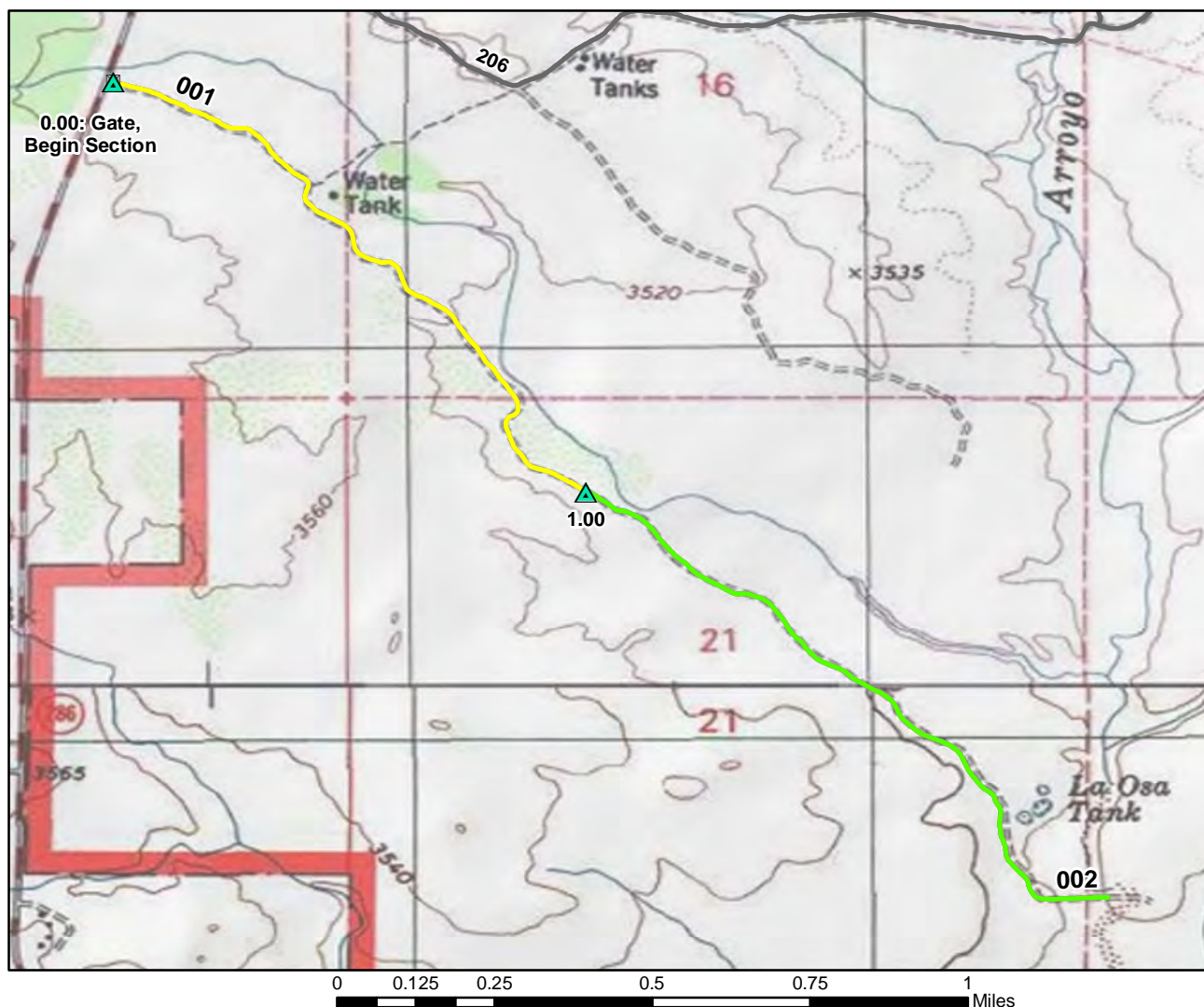
TOTAL LENGTH: 2.34 Miles

ASSET: 10009539

RTE DESCRIPTION: From Pronghorn Tour Loop (011) to Burnt Corral Road (Rte 206)

Section Number	001	002	003		
Section Length (miles)	1.03	0.99	0.33		
Inspection Date	3/12/2008	3/12/2008	3/12/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	8	10	10		
<b>Roadway Condition Information</b>					
Condition	Good	Excellent	Good		
Remaining Service Life (years)	5	9	7		
Cost Estimate	\$1700	\$0	\$600		
CRV	\$361700	\$347500	\$115100		





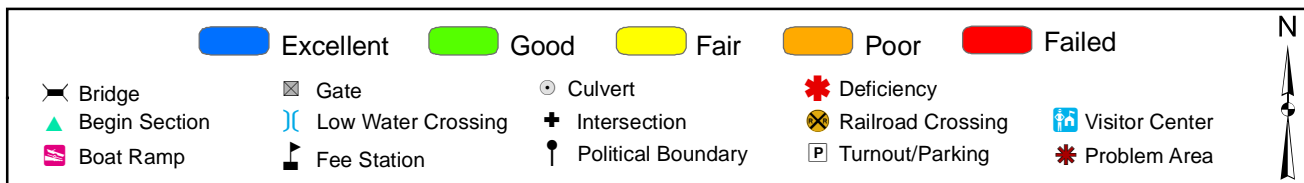
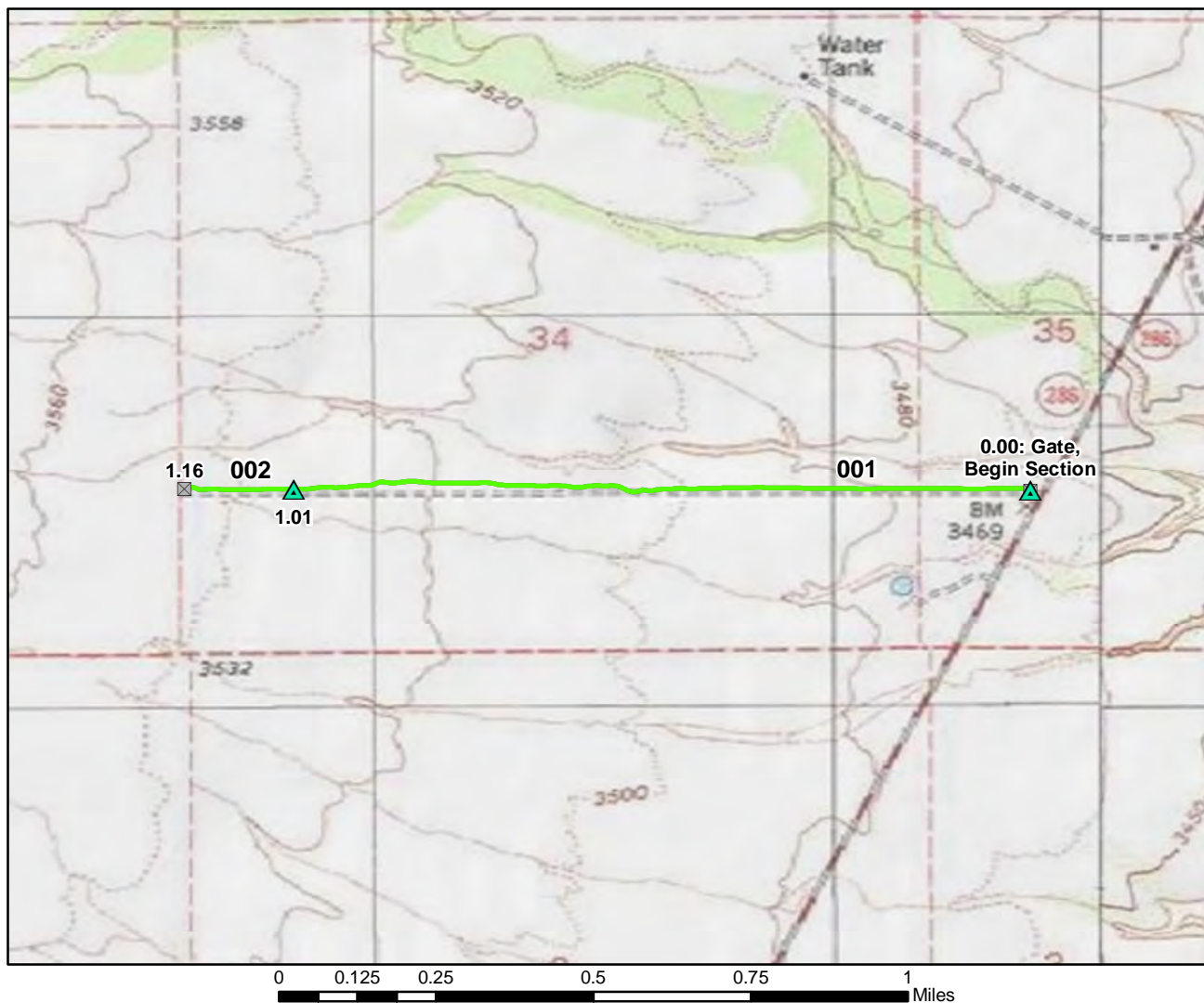
ROUTE: 217 La Osa Mud Hole Road

TOTAL LENGTH: 2.03 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to end of route

Section Number	001	002			
Section Length (miles)	1.00	1.03			
Inspection Date	3/12/2008	3/12/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	8	8			
<b>Roadway Condition Information</b>					
Condition	Fair	Good			
Remaining Service Life (years)	4	5			
Cost Estimate	\$2100	\$1700			
CRV	\$352800	\$363000			



ROUTE: 218 Mal Pa Chute Road

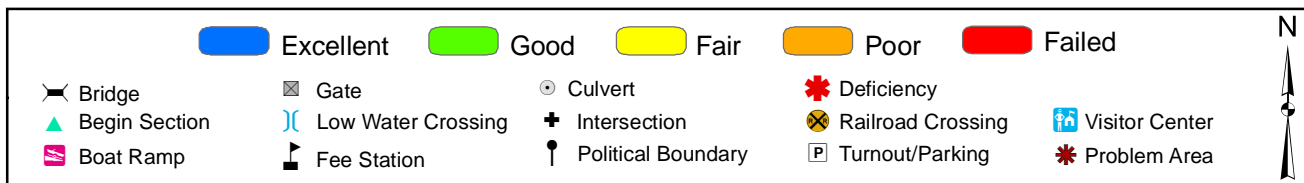
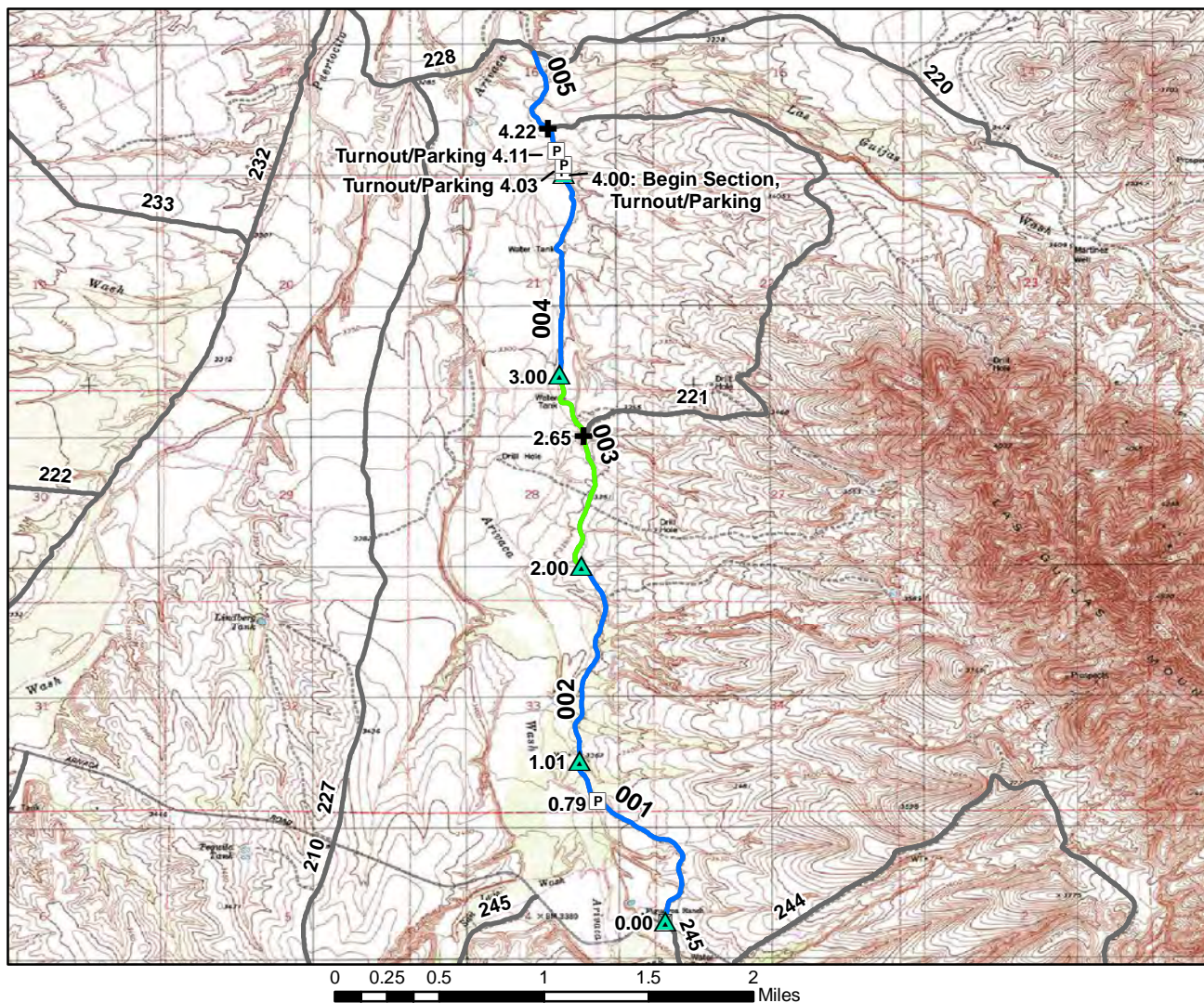
TOTAL LENGTH: 1.16 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to refuge boundary

Section Number	001	002			
Section Length (miles)	1.01	0.15			
Inspection Date	3/14/2008	3/14/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	2			
Roadway Width (feet)	15	19			
<b>Roadway Condition Information</b>					
Condition	Good	Good			
Remaining Service Life (years)	5	7			
Cost Estimate	\$1700	\$300			
CRV	\$354600	\$52900			





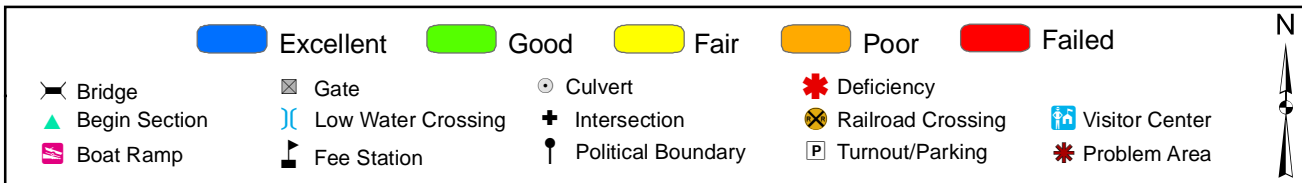
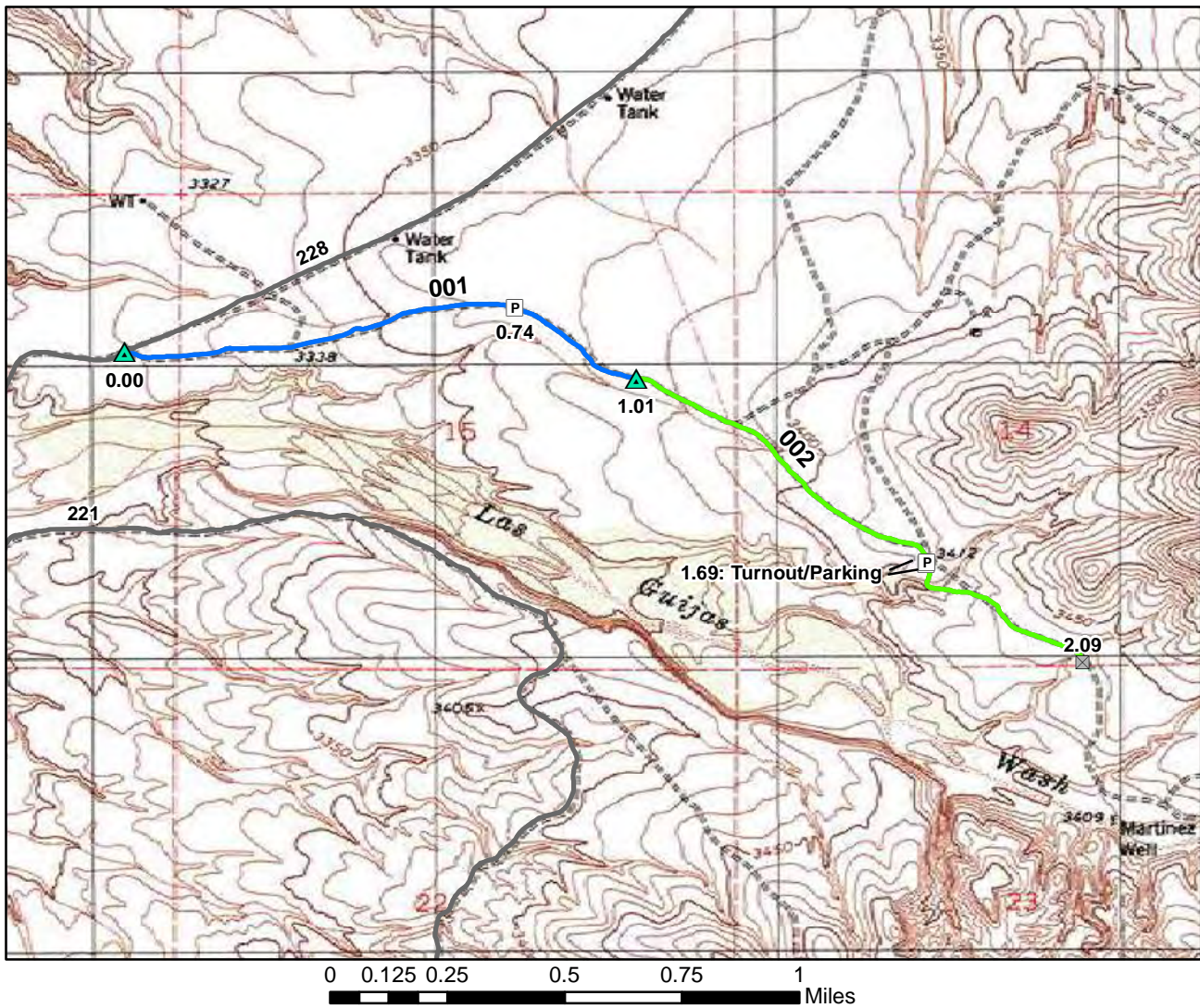
ROUTE: 219      Figueroa North Road      TOTAL LENGTH: 4.64 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Water Tank Road (Rte 228)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	0.99	1.00	1.00	0.64
Inspection Date	3/14/2008	3/14/2008	3/14/2008	3/14/2008	3/14/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	15	11	12	12	12
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good	Excellent	Excellent
Remaining Service Life (years)	8	9	7	8	8
Cost Estimate	\$0	\$0	\$1700	\$0	\$0
CRV	\$353700	\$348400	\$351600	\$351800	\$226600





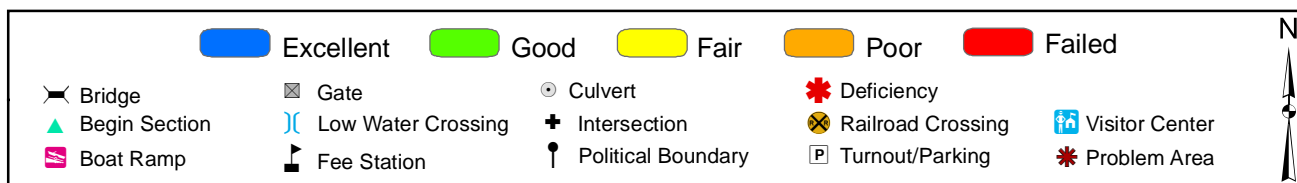
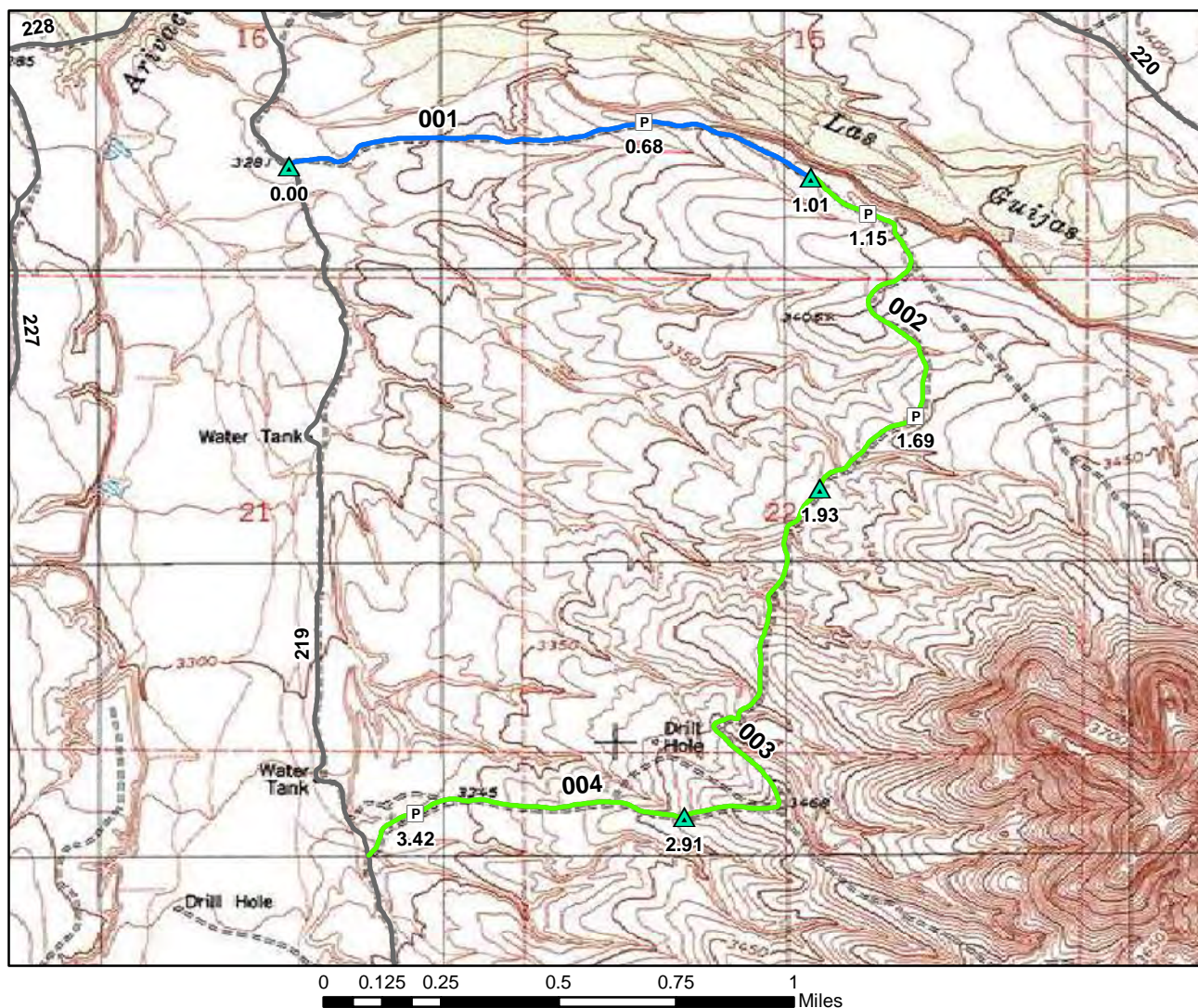
ROUTE: 220 Martinez Well Road TOTAL LENGTH: 2.08 Miles

ASSET: 10009539

RTE DESCRIPTION: From Water Tank Road (Rte 228) to refuge boundary

Section Number	001	002			
Section Length (miles)	1.01	1.08			
Inspection Date	3/14/2008	3/14/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	10	10			
<b>Roadway Condition Information</b>					
Condition	Excellent	Good			
Remaining Service Life (years)	9	7			
Cost Estimate	\$0	\$1800			
CRV	\$354500	\$378800			





ROUTE: 221 Guijas Loop Road

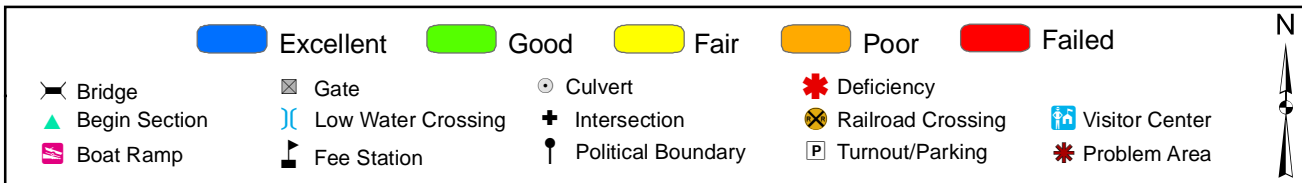
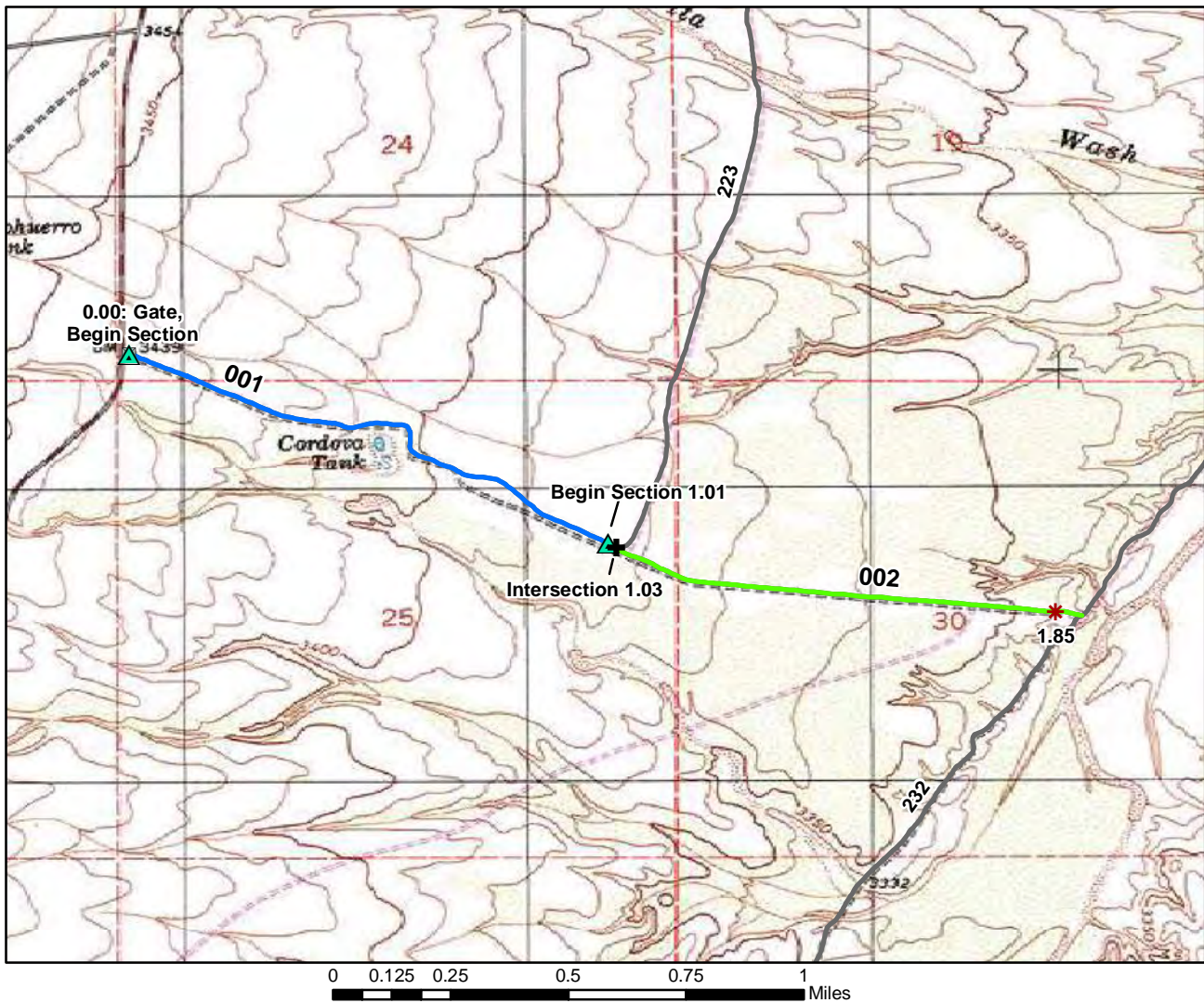
TOTAL LENGTH: 3.55 Miles

ASSET: 10009539

RTE DESCRIPTION: From Figueroa North Road (Rte 219) to Figueroa North Road (Rte 219)

Section Number	001	002	003	004
Section Length (miles)	1.01	0.92	0.98	0.64
Inspection Date	3/14/2008	3/14/2008	3/14/2008	3/14/2008
<b>Section Information</b>				
Surface Type	Native	Native	Native	Native
Number of Lanes	1	1	1	1
Roadway Width (feet)	12	10	12	12
<b>Roadway Condition Information</b>				
Condition	Excellent	Good	Good	Good
Remaining Service Life (years)	8	7	7	7
Cost Estimate	\$0	\$1600	\$1700	\$1100
CRV	\$355500	\$324800	\$343700	\$224400





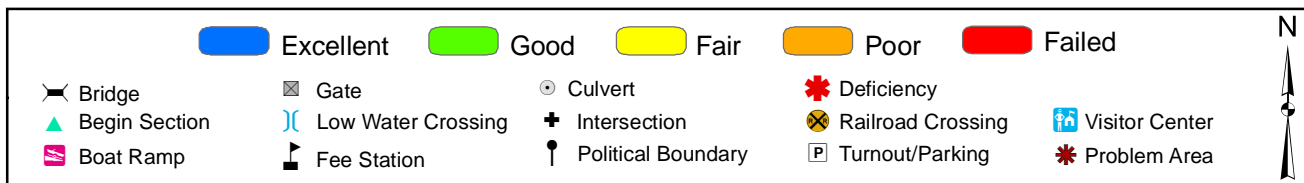
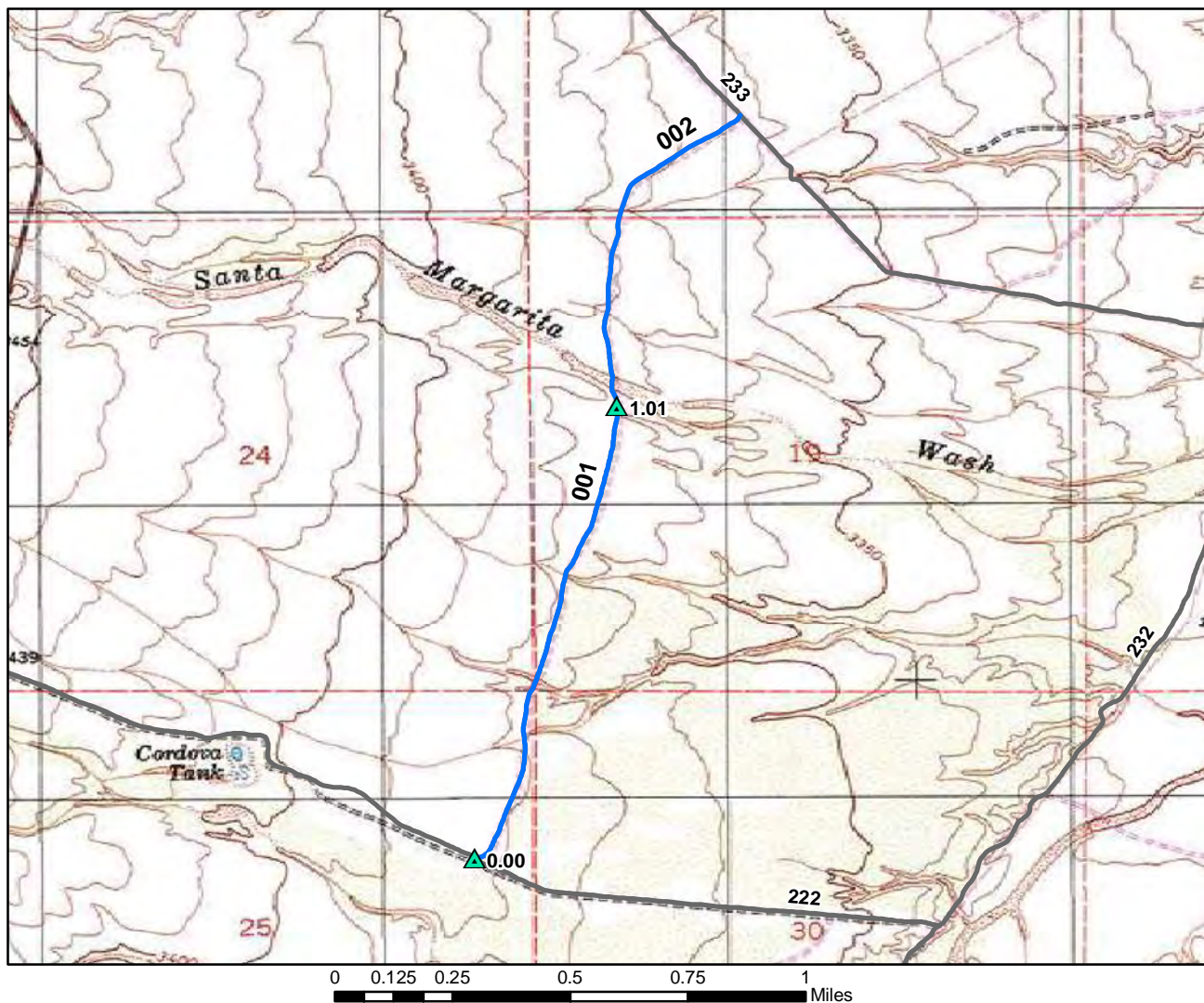
ROUTE: 222 Cordova Tank Road TOTAL LENGTH: 1.89 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)

Section Number	001	002			
Section Length (miles)	1.01	0.88			
Inspection Date	3/14/2008	3/14/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	12	12			
<b>Roadway Condition Information</b>					
Condition	Excellent	Good			
Remaining Service Life (years)	8	6			
Cost Estimate	\$0	\$1500			
CRV	\$355300	\$310800			





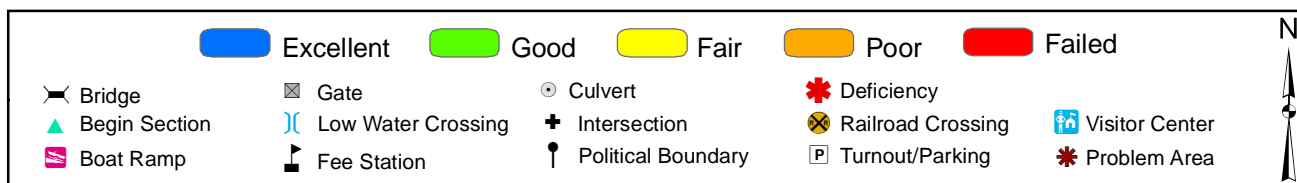
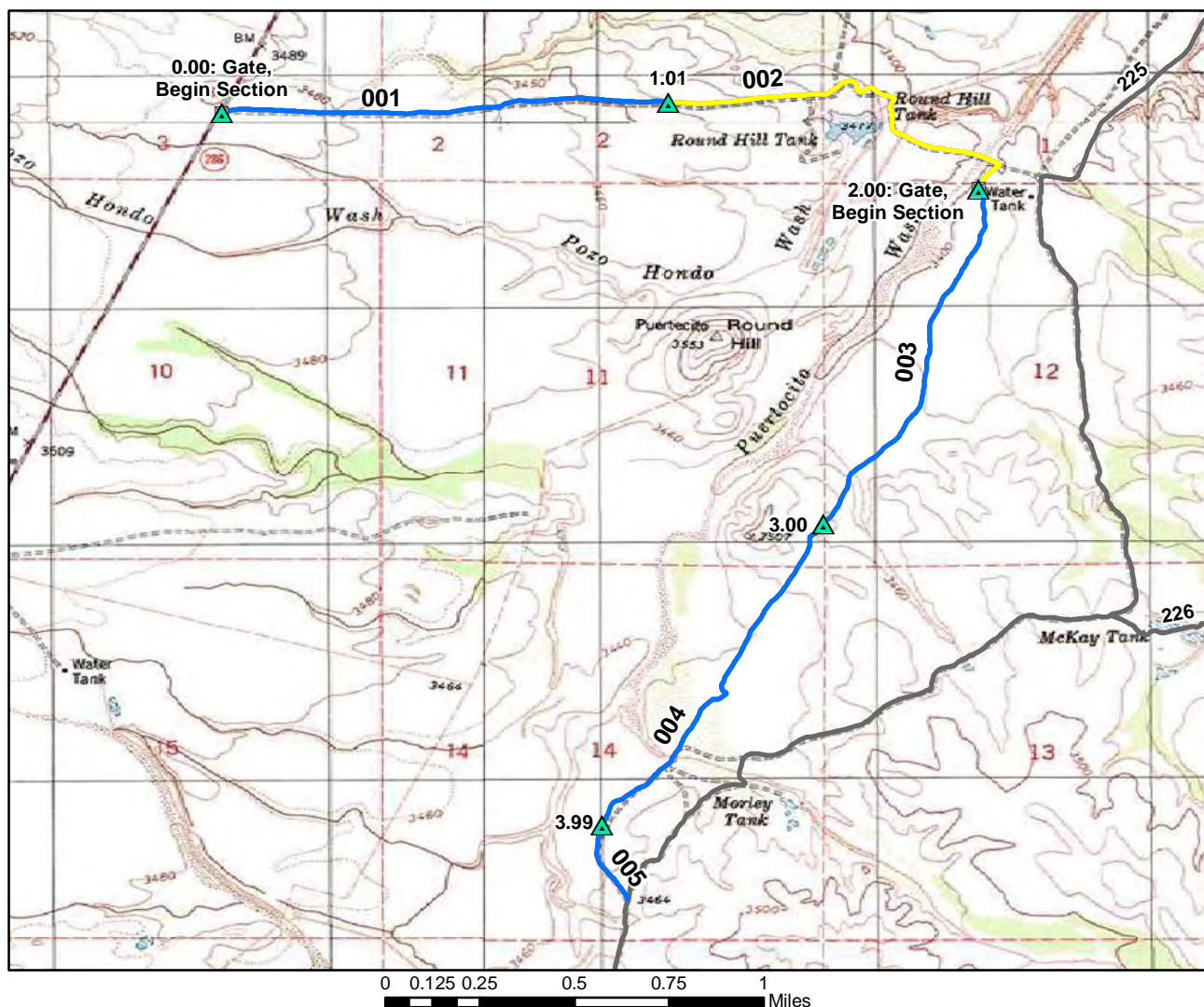
ROUTE: 223 Secundino South Road

TOTAL LENGTH: 1.73 Miles

ASSET: 10009539

RTE DESCRIPTION: From Cordova Tank Road (Rte 222) to Middle Tank Road (Rte 233)

Section Number	001	002			
Section Length (miles)	1.01	0.72			
Inspection Date	3/14/2008	3/14/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	12	12			
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent			
Remaining Service Life (years)	9	10			
Cost Estimate	\$0	\$0			
CRV	\$356500	\$254600			



ROUTE: 224 Round Hill Road

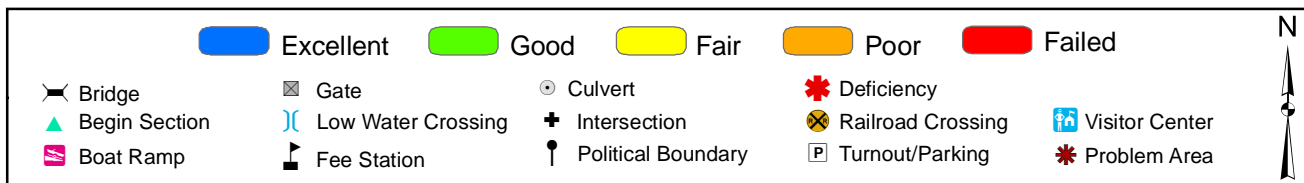
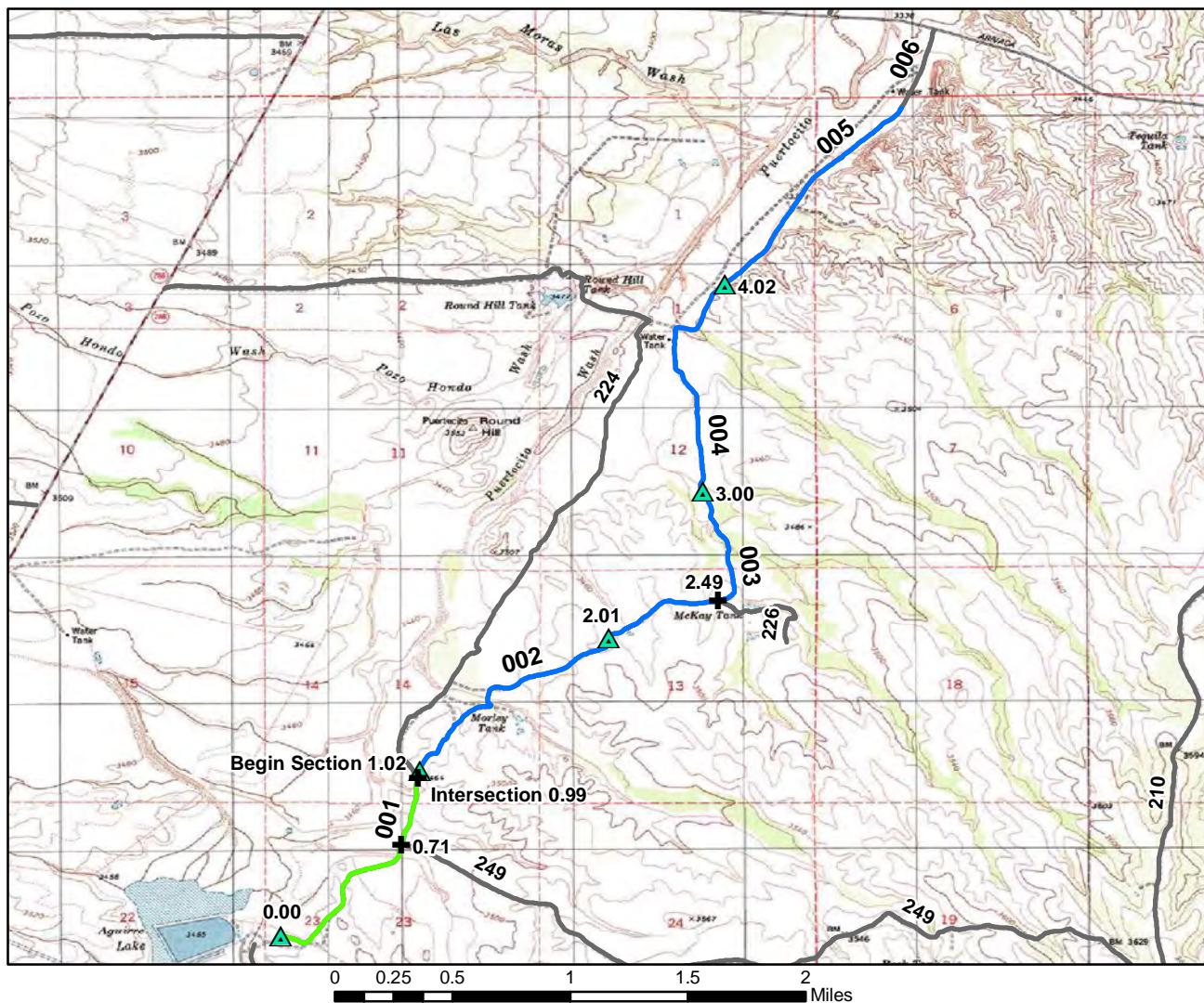
TOTAL LENGTH: 4.20 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to McKay Tank Road (Rte 225)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	0.99	1.00	0.99	0.22
Inspection Date	3/15/2008	3/15/2008	3/15/2008	3/15/2008	3/15/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	10	10	10	10
<b>Roadway Condition Information</b>					
Condition	Excellent	Fair	Excellent	Excellent	Excellent
Remaining Service Life (years)	8	3	8	8	9
Cost Estimate	\$0	\$2100	\$0	\$0	\$0
CRV	\$356900	\$346600	\$352100	\$346800	\$76600





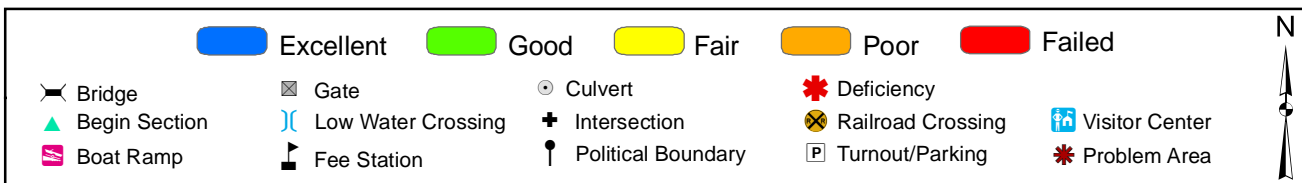
ROUTE: 225 McKay Tank Road

TOTAL LENGTH: 5.37 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to the end of Refuge Entrance Road (Rte 010)

Section Number	001	002	003	004	005
Section Length (miles)	1.02	0.99	0.99	1.02	1.00
Inspection Date	3/15/2008	3/15/2008	3/15/2008	3/15/2008	3/15/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	10	10	10	10
<b>Roadway Condition Information</b>					
Condition	Good	Excellent	Excellent	Excellent	Excellent
Remaining Service Life (years)	7	9	9	9	8
Cost Estimate	\$1700	\$0	\$0	\$0	\$0
CRV	\$358300	\$349300	\$348400	\$359300	\$350500



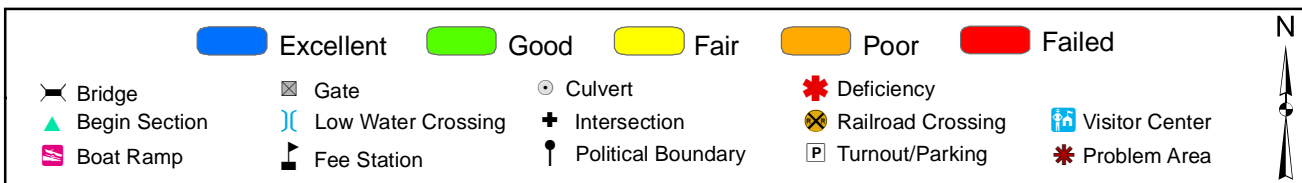
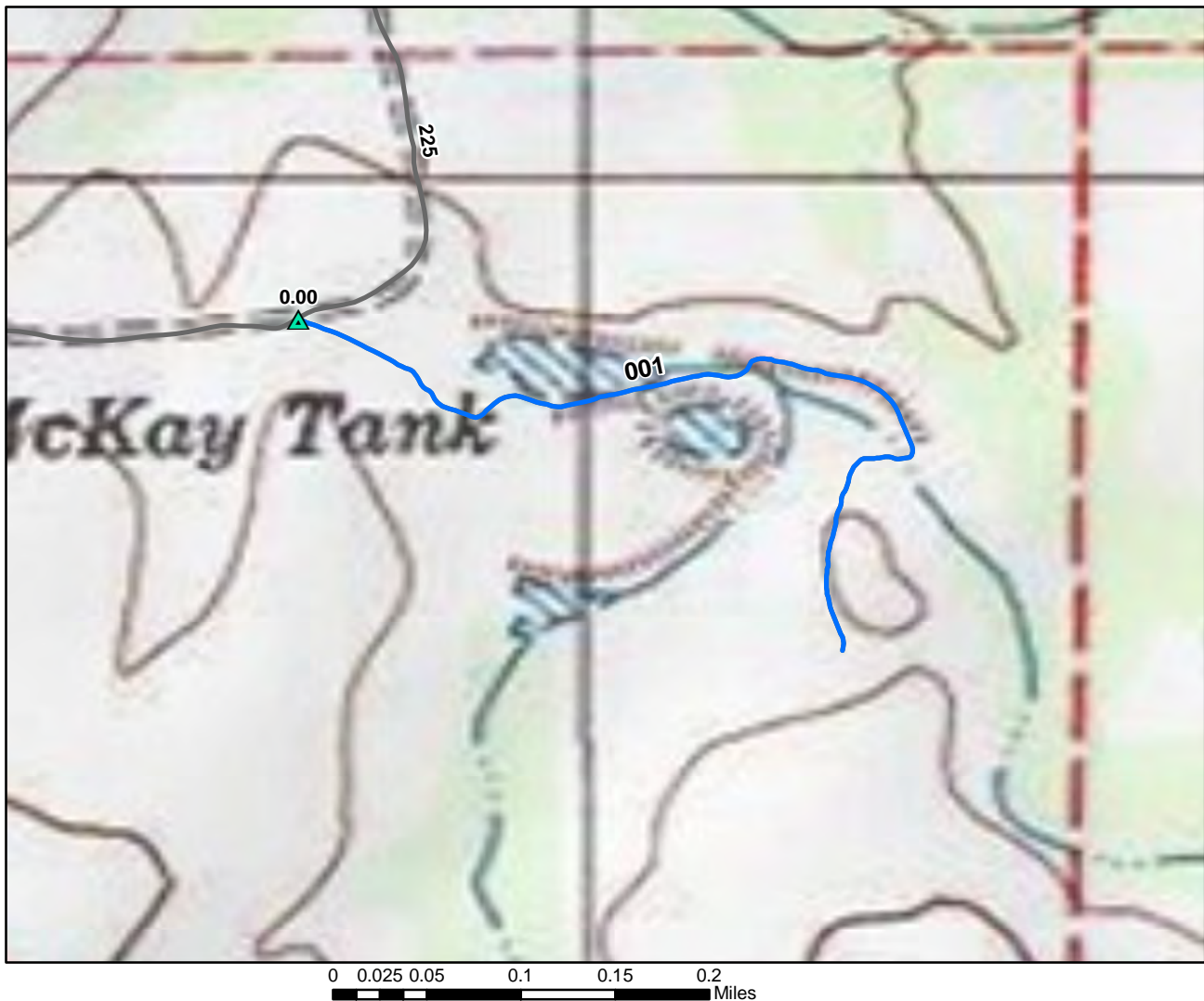
ROUTE: 225      McKay Tank Road      TOTAL LENGTH: 5.37 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to the end of Refuge Entrance Road (Rte 010)

Section Number	006				
Section Length (miles)	0.35				
Inspection Date	3/15/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	10				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	10				
Cost Estimate	\$0				
CRV	\$124100				



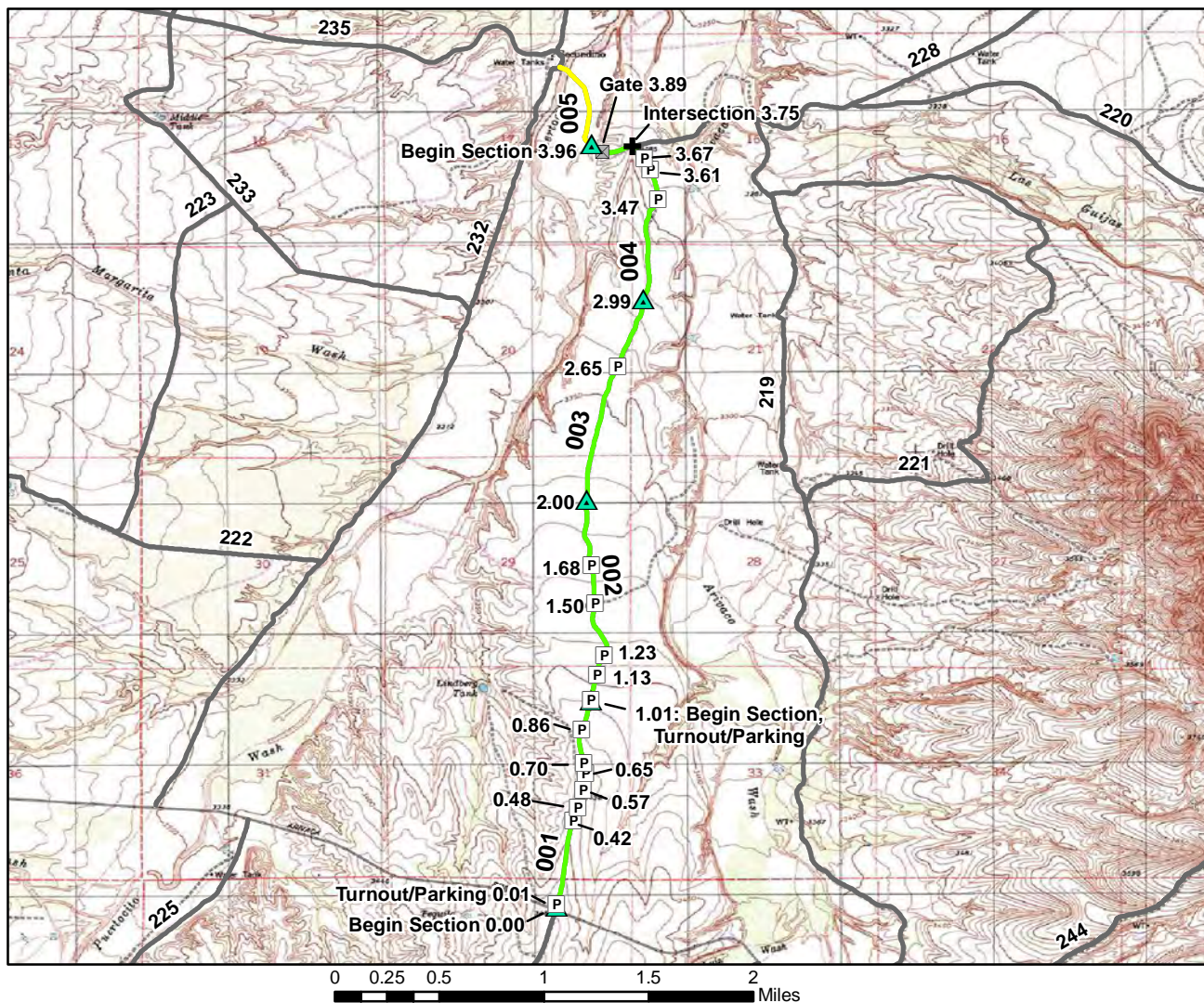


ROUTE: 226 Highway Road TOTAL LENGTH: 0.46 Miles

ASSET: 10009539

RTE DESCRIPTION: From McKay Tank Road (Rte 225) to end of route

Section Number	001				
Section Length (miles)	0.46				
Inspection Date	3/15/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	9				
Cost Estimate	\$0				
CRV	\$0				



ROUTE: 227 High Gates North Road

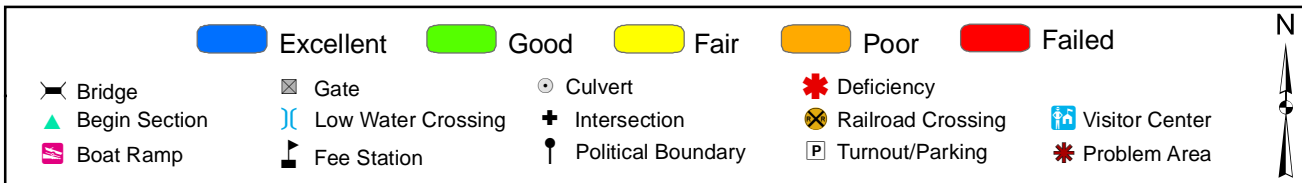
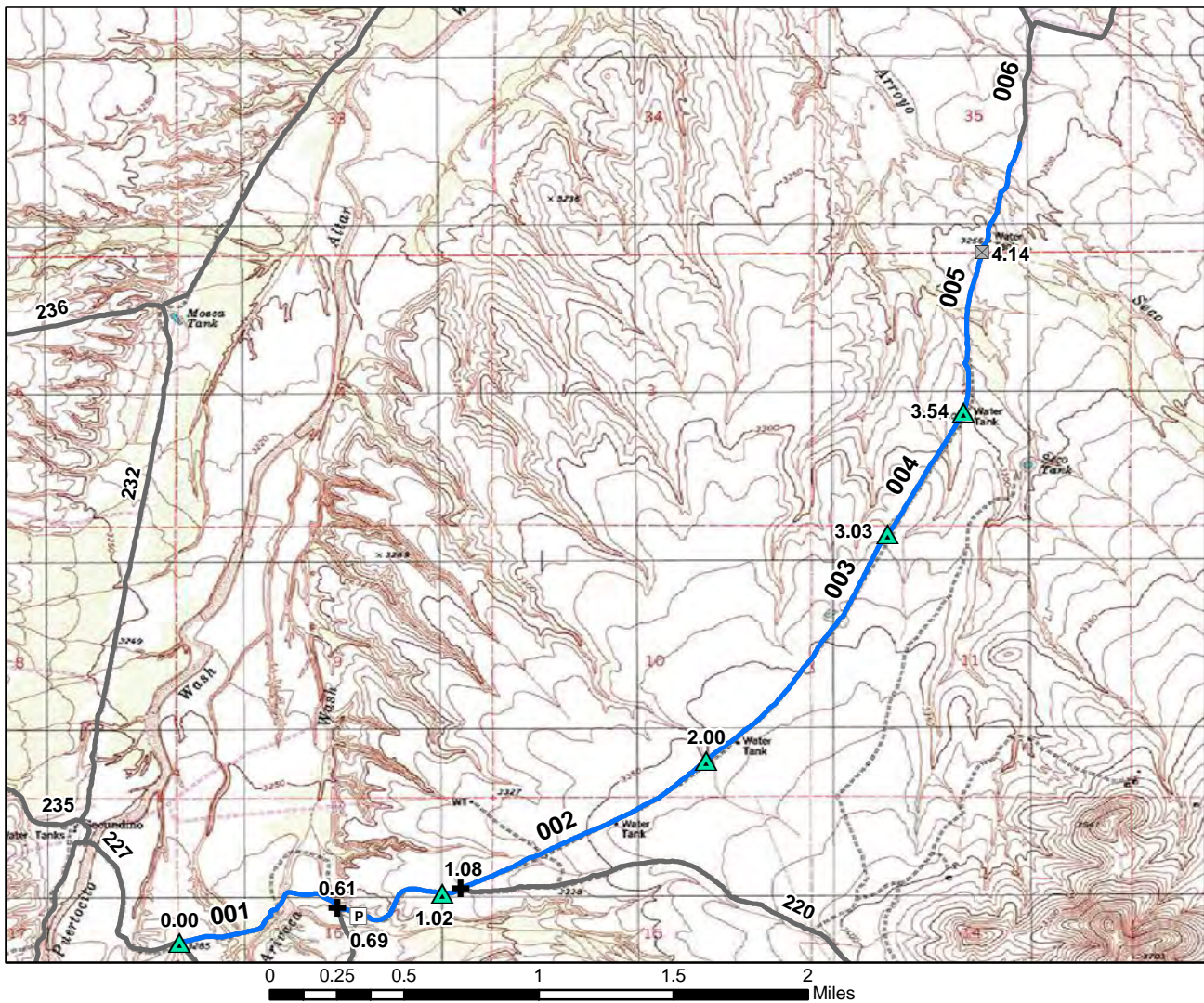
TOTAL LENGTH: 4.39 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Puertocito Wash North Road (Rte 232)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	0.99	0.99	0.97	0.43
Inspection Date	3/16/2008	3/16/2008	3/15/2008	3/15/2008	3/15/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	14	12	10	10	14
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Fair
Remaining Service Life (years)	7	7	7	7	3
Cost Estimate	\$1700	\$1700	\$1700	\$1600	\$900
CRV	\$353800	\$348400	\$349700	\$340000	\$150900



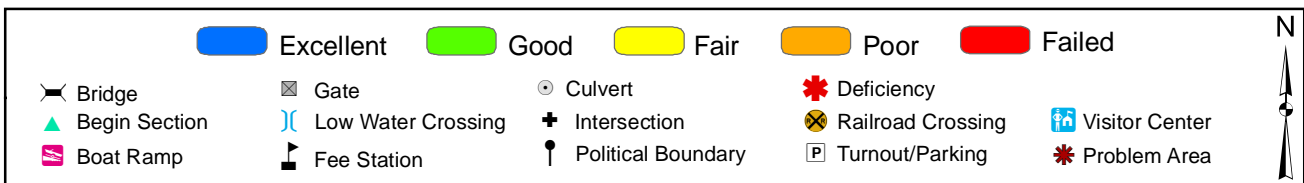
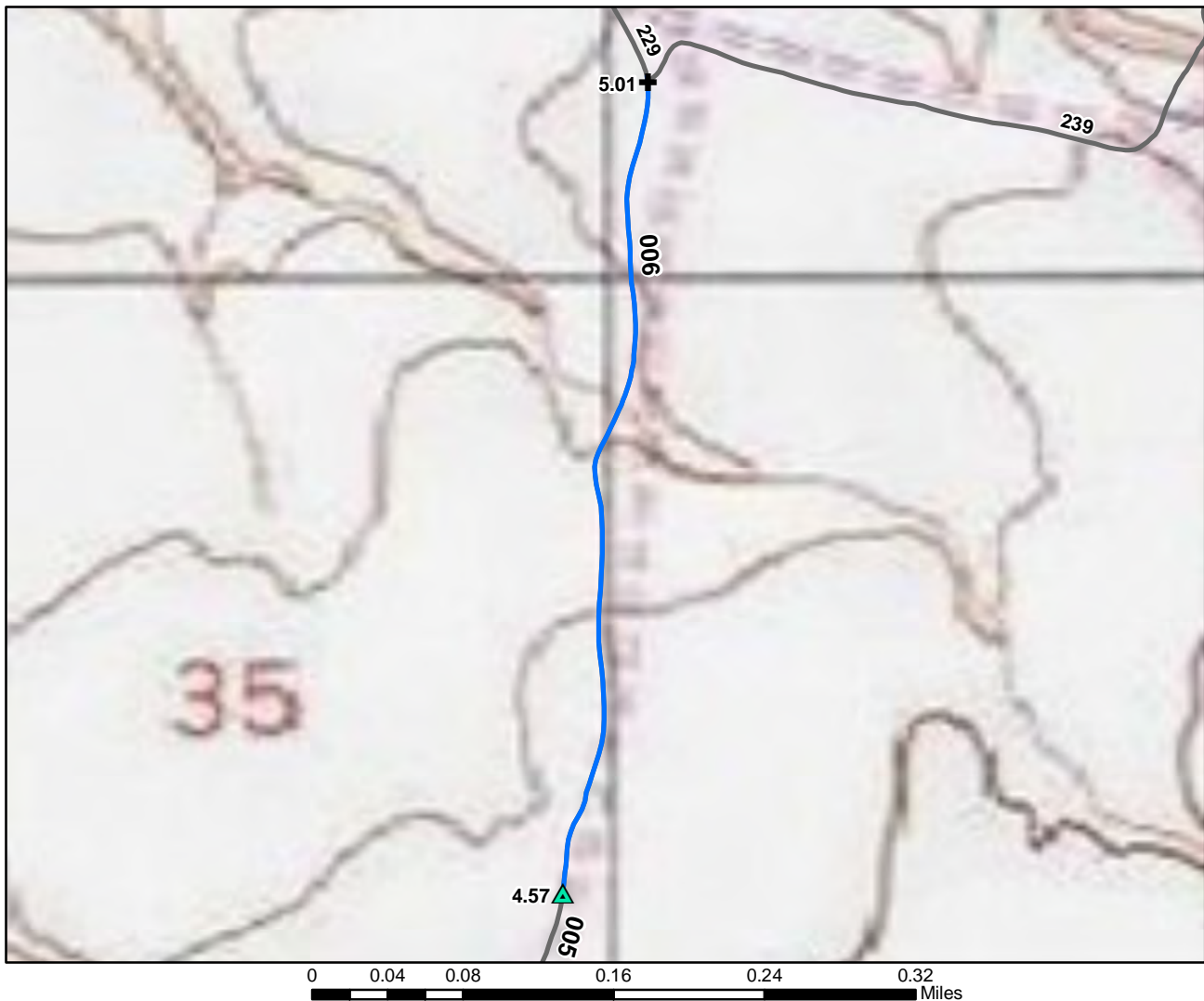


ROUTE: 228 Water Tank Road TOTAL LENGTH: 5.01 Miles

ASSET: 10009539

RTE DESCRIPTION: From High Gates North Road (Rte 227) to Bueno Tank Road (Rte 229)

Section Number	001	002	003	004	005
Section Length (miles)	1.02	0.98	1.03	0.51	1.03
Inspection Date	3/15/2008	3/15/2008	3/15/2008	3/15/2008	3/15/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	2	2	1	1
Roadway Width (feet)	12	16	18	14	10
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Excellent	Excellent	Excellent
Remaining Service Life (years)	8	8	8	8	9
Cost Estimate	\$0	\$0	\$0	\$0	\$0
CRV	\$358400	\$345600	\$362300	\$180300	\$362100



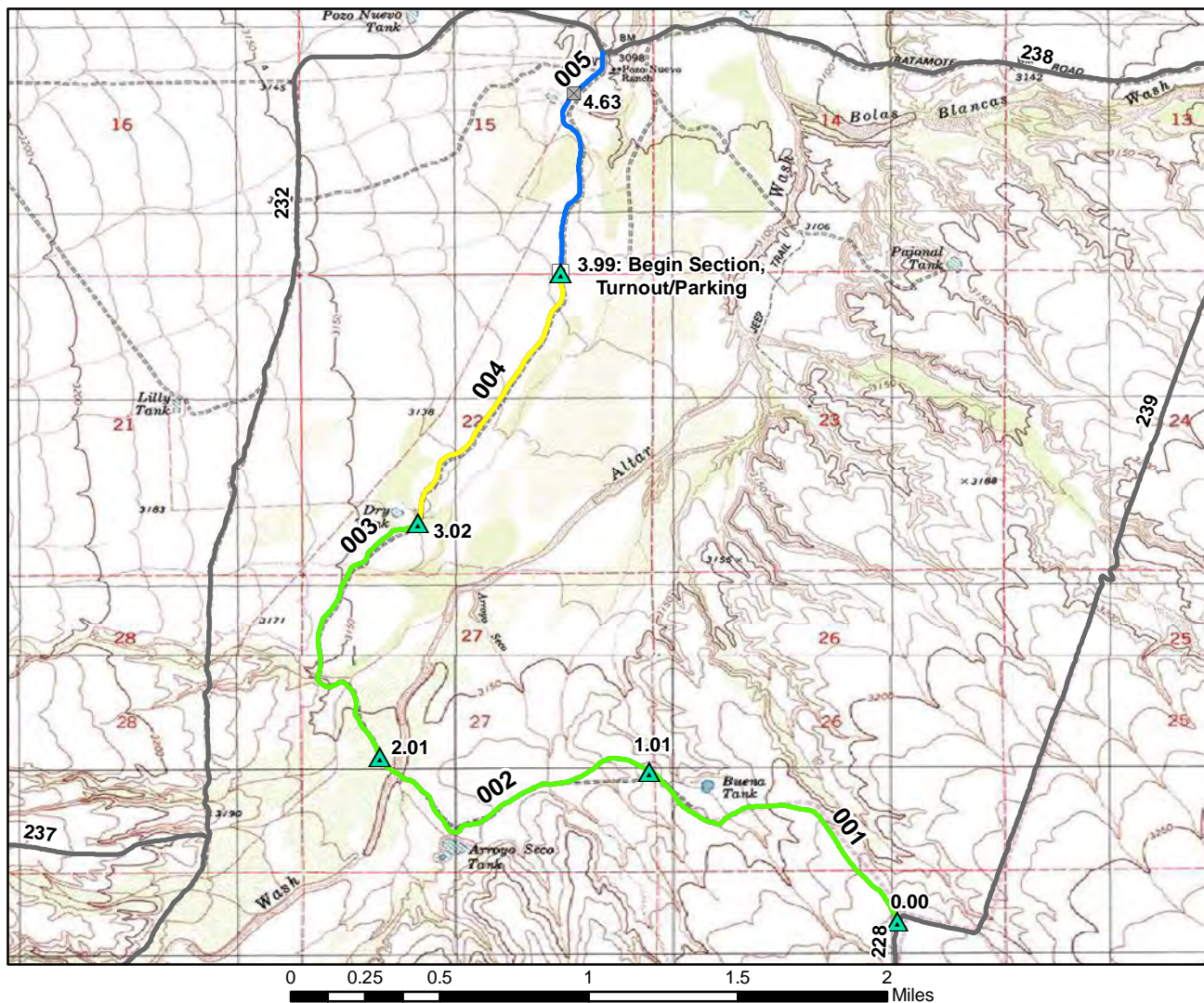
ROUTE: 228 Water Tank Road TOTAL LENGTH: 5.01 Miles

ASSET: 10009539

RTE DESCRIPTION: From High Gates North Road (Rte 227) to Bueno Tank Road (Rte 229)

Section Number	006				
Section Length (miles)	0.44				
Inspection Date	3/15/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	10				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	9				
Cost Estimate	\$0				
CRV	\$154600				





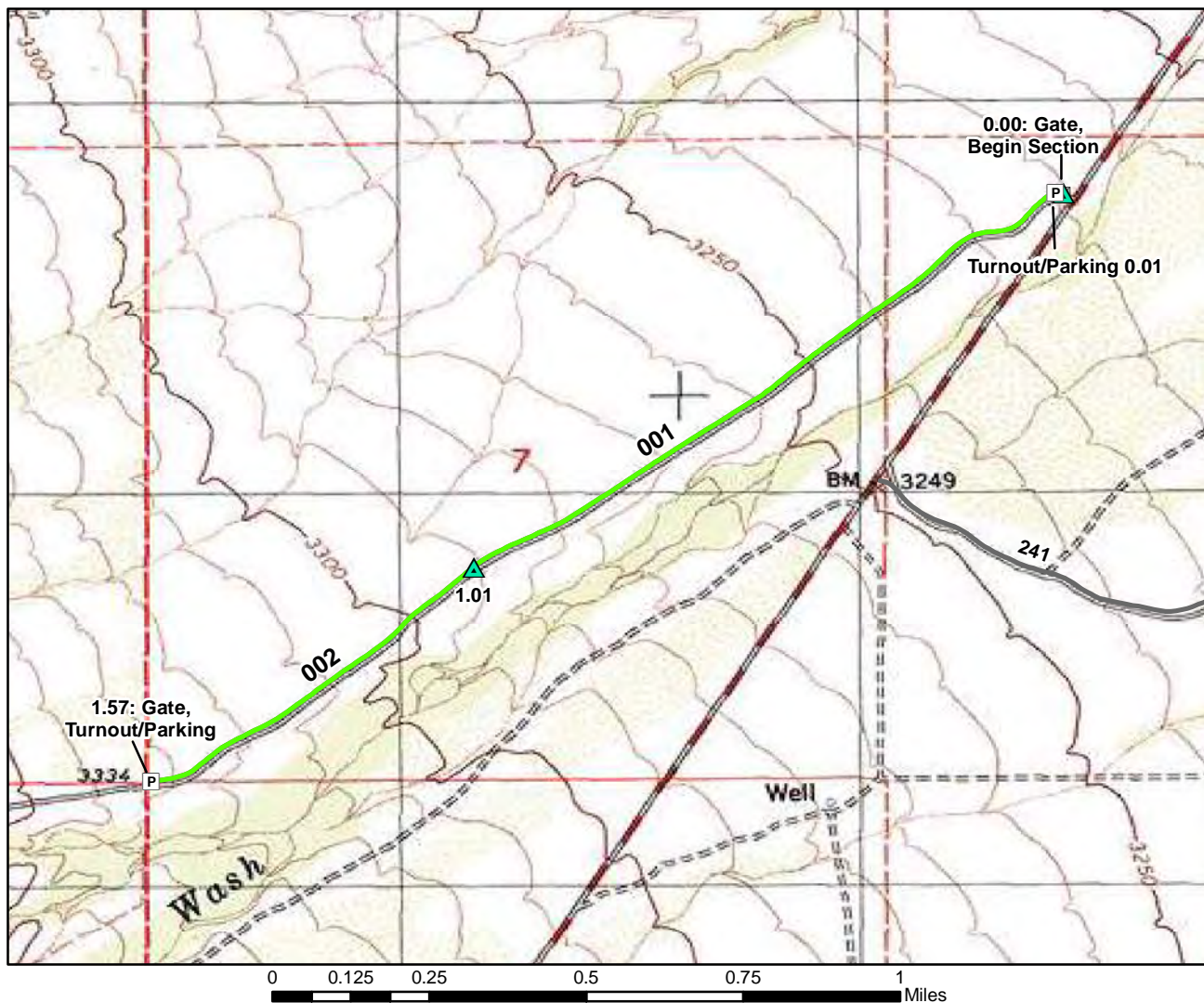
ROUTE: 229 Buena Tank Road

TOTAL LENGTH: 4.81 Miles

ASSET: 10009539

RTE DESCRIPTION: From Pozo Nuevo Road (Rte 241) to Water Tank Road (Rte 228)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	1.00	1.02	0.97	0.81
Inspection Date	3/15/2008	3/15/2008	3/15/2008	3/15/2008	3/15/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	8	10	10	10
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Fair	Excellent
Remaining Service Life (years)	7	7	7	3	9
Cost Estimate	\$1700	\$1700	\$1700	\$2100	\$0
CRV	\$355000	\$350100	\$358400	\$340900	\$286500



ROUTE: 230 Las Delicias Ranch Road

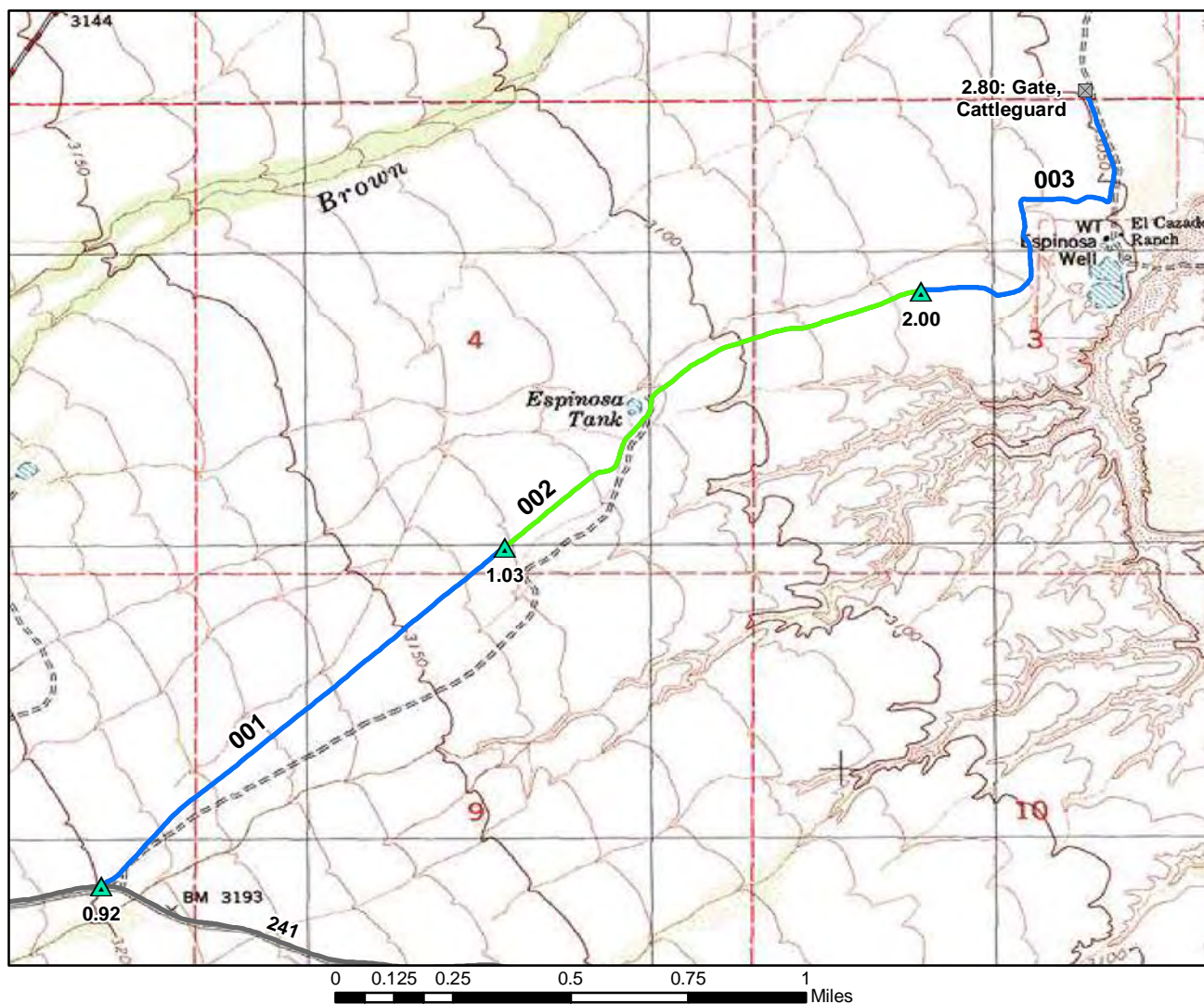
TOTAL LENGTH: 1.57 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to refuge boundary

Section Number	001	002			
Section Length (miles)	1.01	0.56			
Inspection Date	3/15/2008	3/15/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	2	2			
Roadway Width (feet)	16	16			
<b>Roadway Condition Information</b>					
Condition	Good	Good			
Remaining Service Life (years)	7	7			
Cost Estimate	\$1700	\$1000			
CRV	\$355300	\$197800			





<div> <div>Excellent</div> <div>Good</div> <div>Fair</div> <div>Poor</div> <div>Failed</div> </div>		<div> <div>Bridge</div> <div>Gate</div> <div>Culvert</div> <div>Deficiency</div> <div>Railroad Crossing</div> <div>Turnout/Parking</div> <div>Visitor Center</div> <div>Problem Area</div> </div>	
<div> <div>Begin Section</div> <div>Boat Ramp</div> </div>		<div> <div>Low Water Crossing</div> <div>Fee Station</div> <div>Intersection</div> <div>Political Boundary</div> </div>	

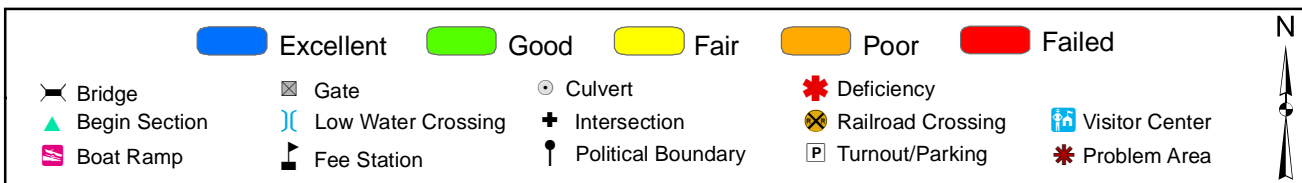
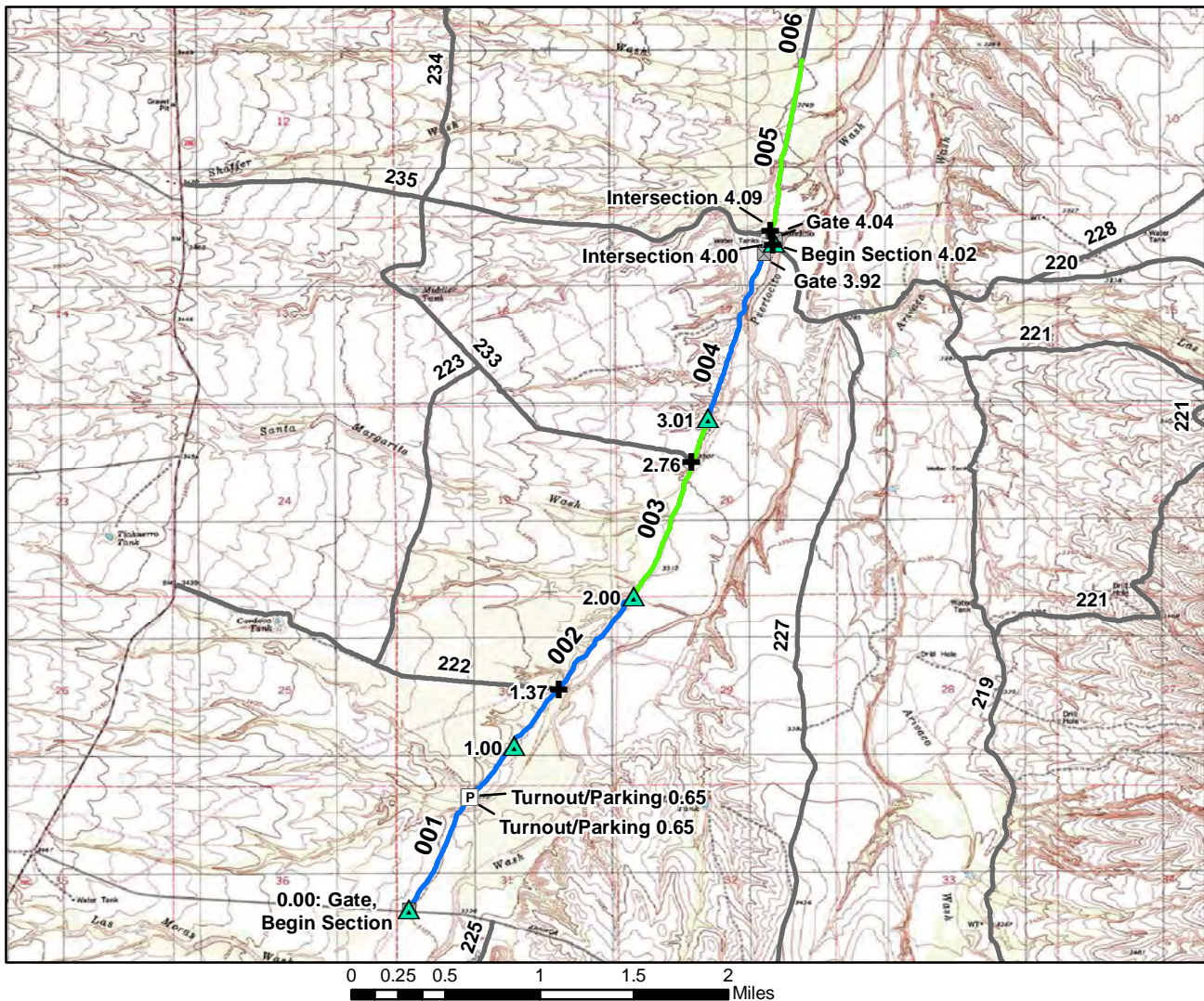
ROUTE: 231 El Cazador Road TOTAL LENGTH: 2.80 Miles

ASSET: 10009539

RTE DESCRIPTION: From Pozo Nuevo Road (Rte 241) to refuge boundary

Section Number	001	002	003		
Section Length (miles)	1.03	0.98	0.80		
Inspection Date	3/15/2008	3/15/2008	3/15/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	12	12	12		
<b>Roadway Condition Information</b>					
Condition	Excellent	Good	Excellent		
Remaining Service Life (years)	8	6	8		
Cost Estimate	\$0	\$1700	\$0		
CRV	\$360900	\$344100	\$280600		





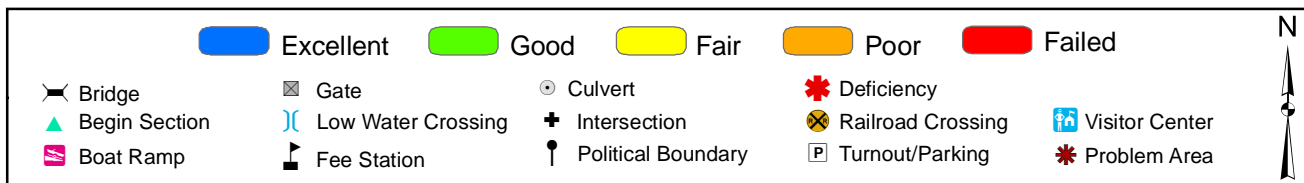
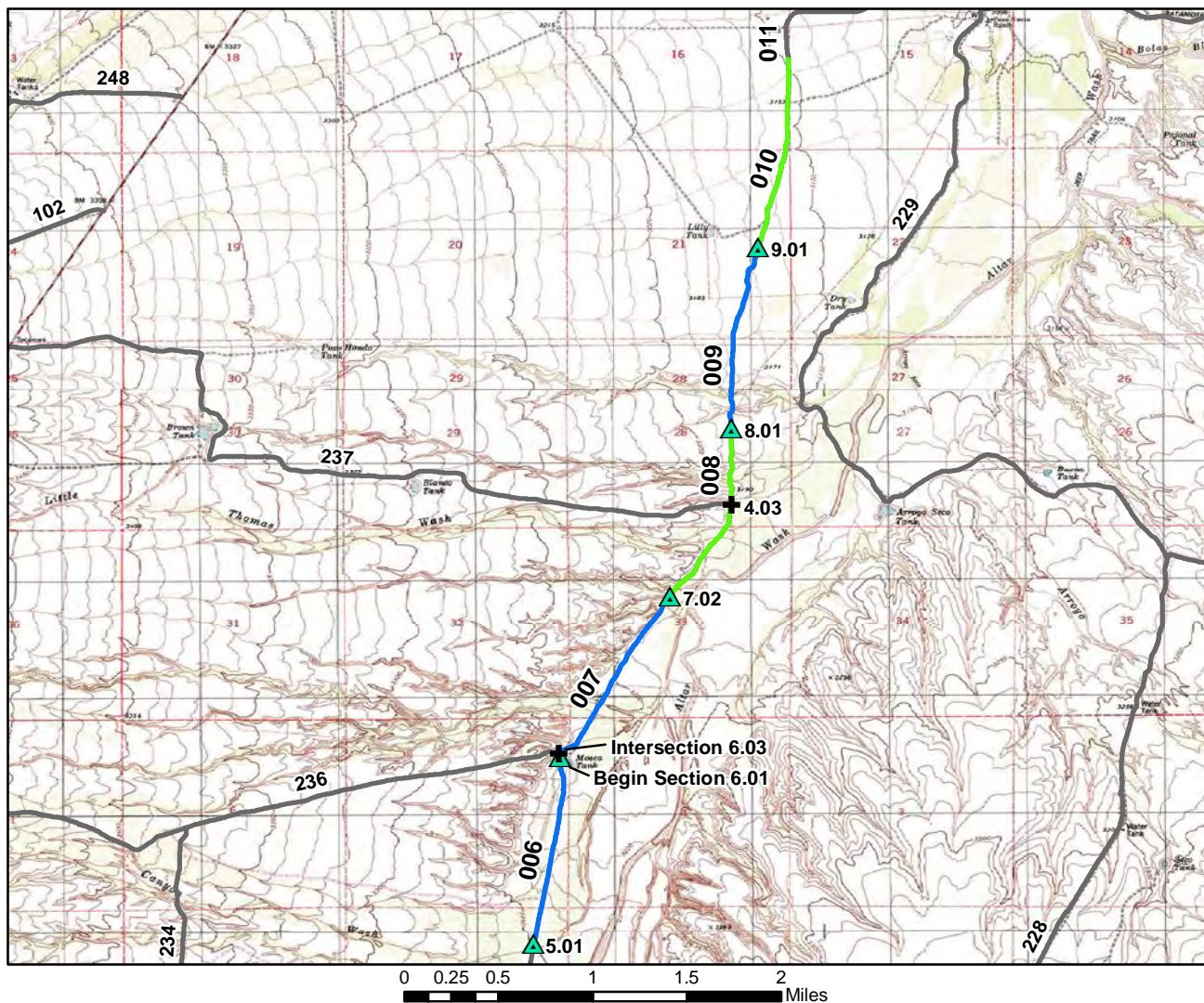
ROUTE: 232 Puertocito Wash North Road TOTAL LENGTH: 10.84 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Pozo Nuevo Road (Rte 241)

Section Number	001	002	003	004	005
Section Length (miles)	1.00	0.99	1.01	1.01	0.99
Inspection Date	3/16/2008	3/16/2008	3/16/2008	3/16/2008	3/16/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	10	10
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good	Excellent	Good
Remaining Service Life (years)	8	9	5	8	6
Cost Estimate	\$0	\$0	\$1700	\$0	\$1700
CRV	\$352800	\$349600	\$356700	\$354000	\$348500





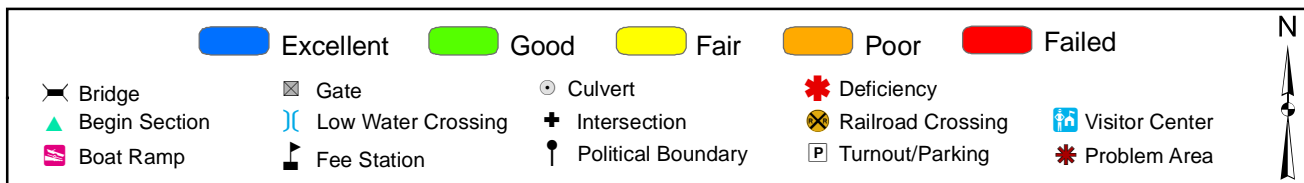
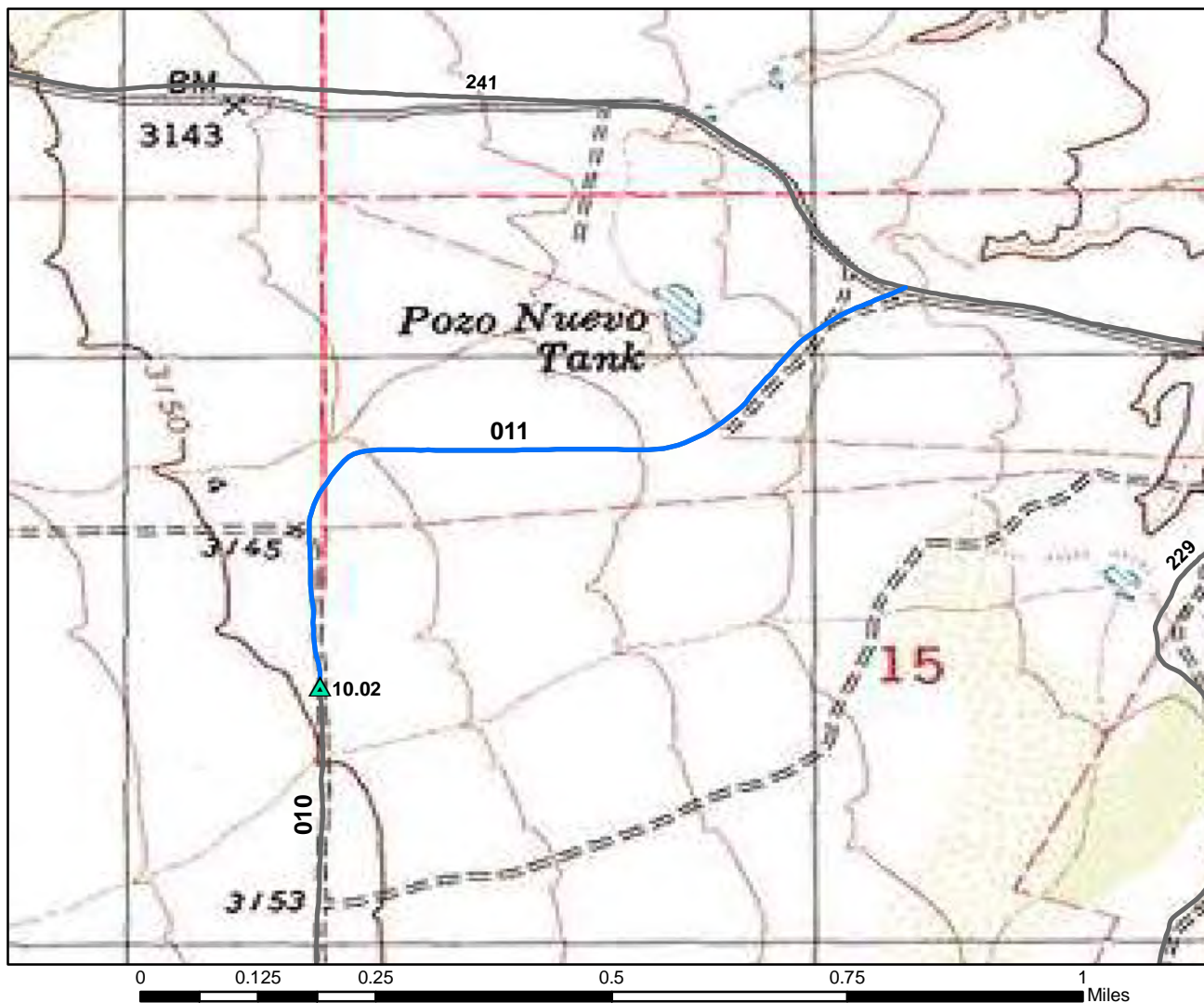
ROUTE: 232 Puertocito Wash North Road

TOTAL LENGTH: 10.84 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Pozo Nuevo Road (Rte 241)

Section Number	006	007	008	009	010
Section Length (miles)	1.00	1.01	0.99	0.99	1.01
Inspection Date	3/16/2008	3/16/2008	3/16/2008	3/16/2008	3/16/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	8	8	10	10
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good	Excellent	Good
Remaining Service Life (years)	8	9	7	9	7
Cost Estimate	\$0	\$0	\$1700	\$0	\$1700
CRV	\$353100	\$356300	\$348500	\$349200	\$356700



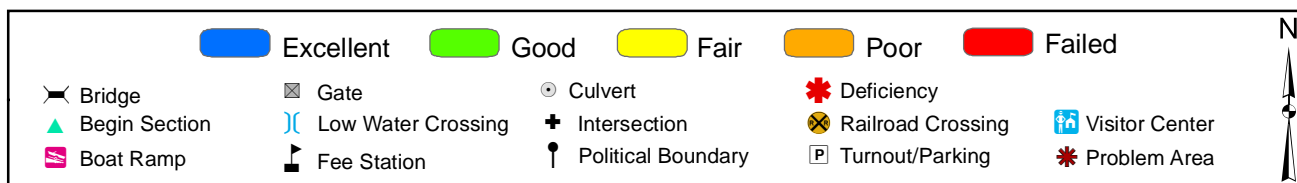
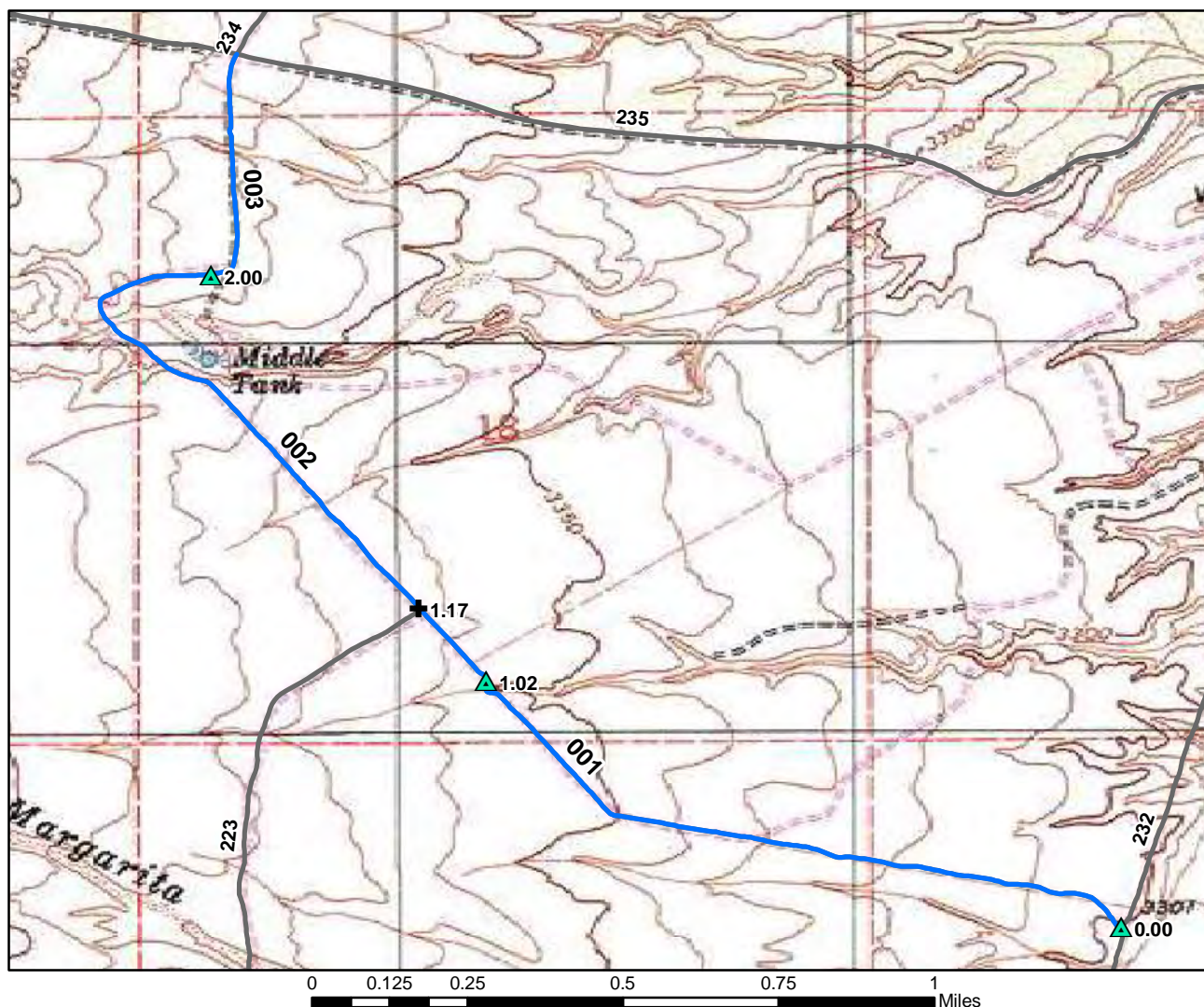
ROUTE: 232      Puertocito Wash North Road      TOTAL LENGTH: 10.84 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Pozo Nuevo Road (Rte 241)

Section Number	011				
Section Length (miles)	0.82				
Inspection Date	3/16/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	12				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	9				
Cost Estimate	\$0				
CRV	\$289300				





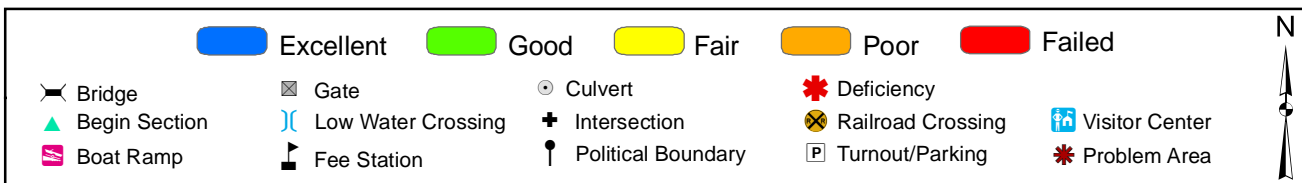
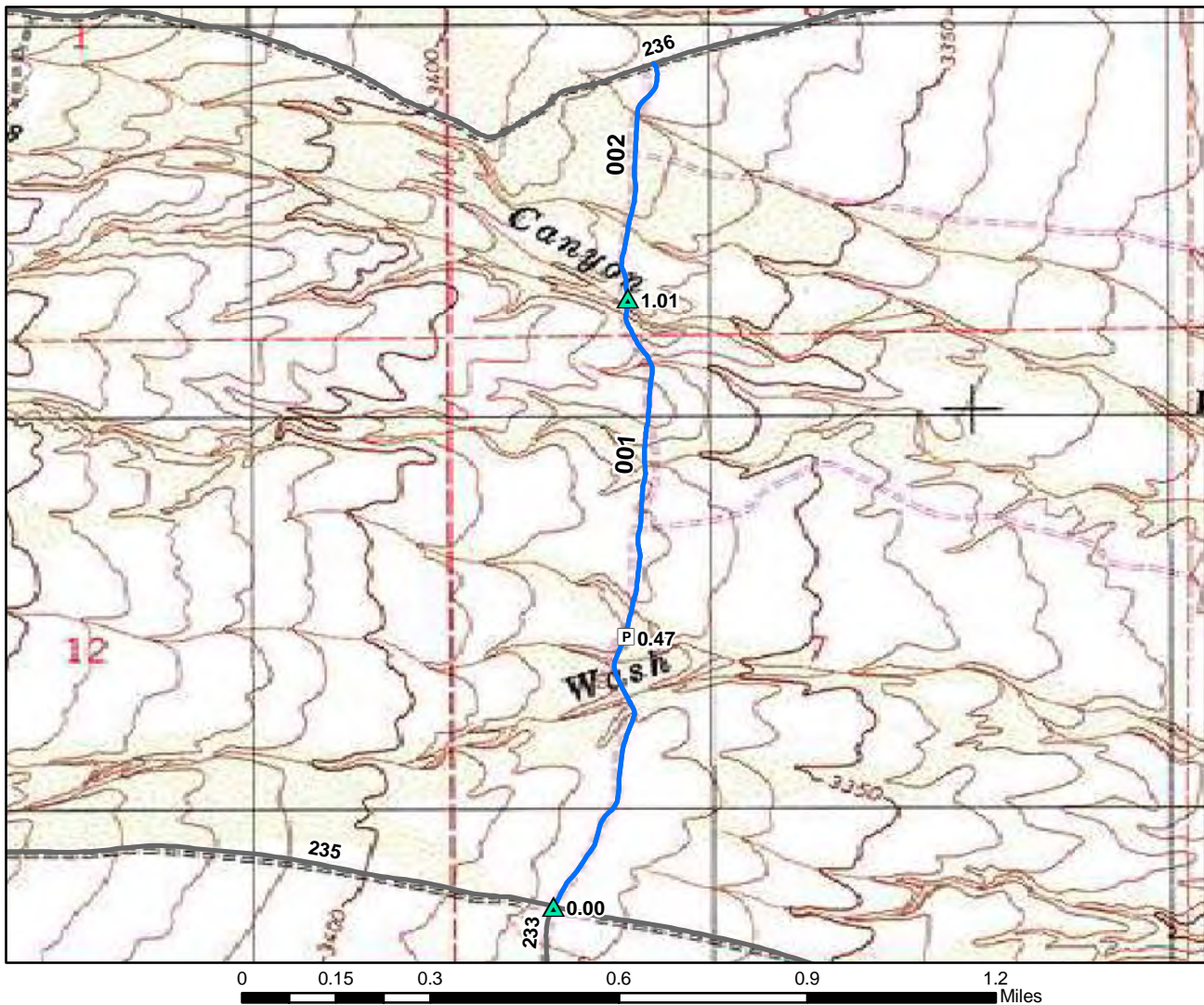
ROUTE: 233 Middle Tank Road

TOTAL LENGTH: 2.38 Miles

ASSET: 10009539

RTE DESCRIPTION: From Puertocito Wash North Road (Rte 232) to Secundino Road (Rte 235)

Section Number	001	002	003		
Section Length (miles)	1.02	0.98	0.38		
Inspection Date	3/16/2008	3/16/2008	3/16/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	10	10	10		
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Excellent		
Remaining Service Life (years)	9	9	9		
Cost Estimate	\$0	\$0	\$0		
CRV	\$359100	\$345600	\$132600		



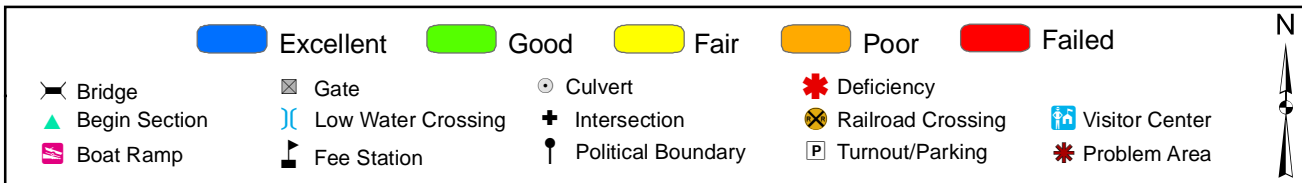
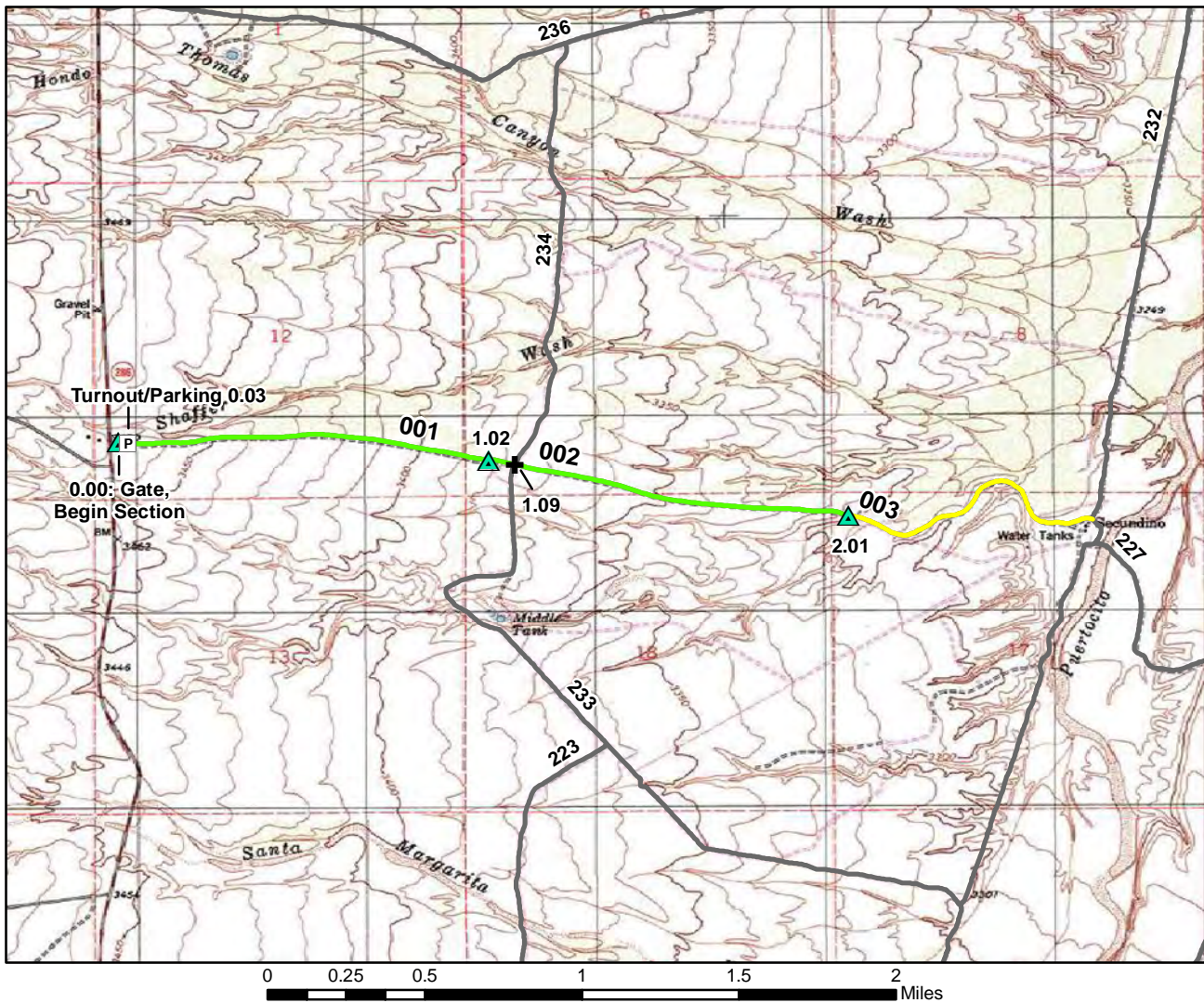
ROUTE: 234 Hippy Road TOTAL LENGTH: 1.40 Miles

ASSET: 10009539

RTE DESCRIPTION: From Secundino Road (Rte 235) to Road Camp Road (Rte 236)

Section Number	001	002			
Section Length (miles)	1.01	0.38			
Inspection Date	3/16/2008	3/16/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	10	8			
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent			
Remaining Service Life (years)	9	10			
Cost Estimate	\$0	\$0			
CRV	\$356000	\$135100			





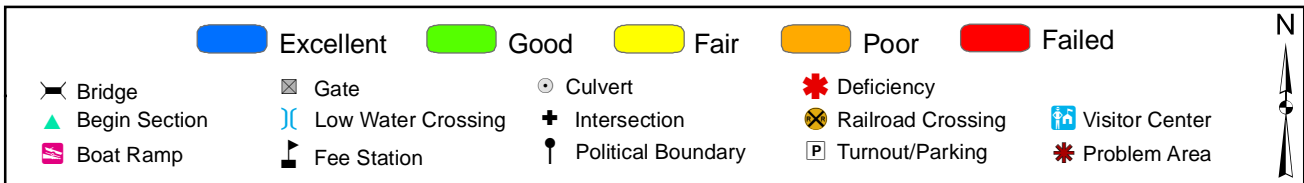
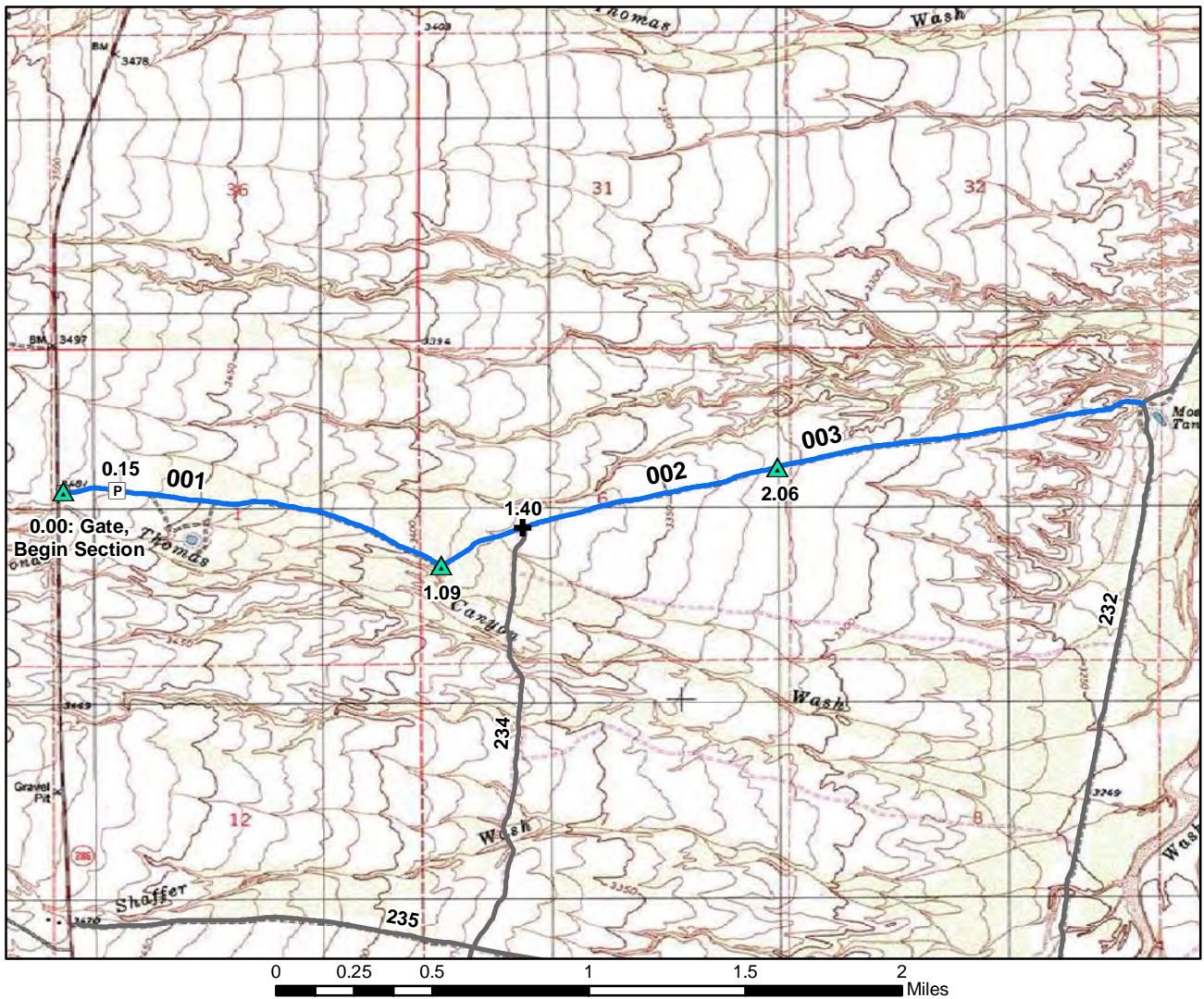
ROUTE: 235      Secundino Road      TOTAL LENGTH: 2.84 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)

Section Number	001	002	003		
Section Length (miles)	1.02	1.00	0.82		
Inspection Date	3/16/2008	3/16/2008	3/16/2008		
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Native		
Number of Lanes	2	2	2		
Roadway Width (feet)	20	18	16		
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair		
Remaining Service Life (years)	7	7	3		
Cost Estimate	\$1600	\$1600	\$1800		
CRV	\$691400	\$678200	\$289600		





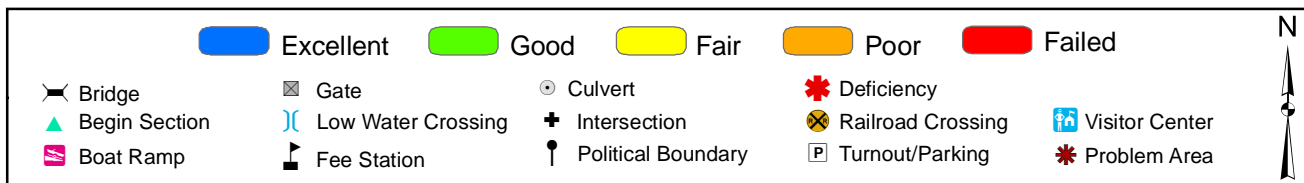
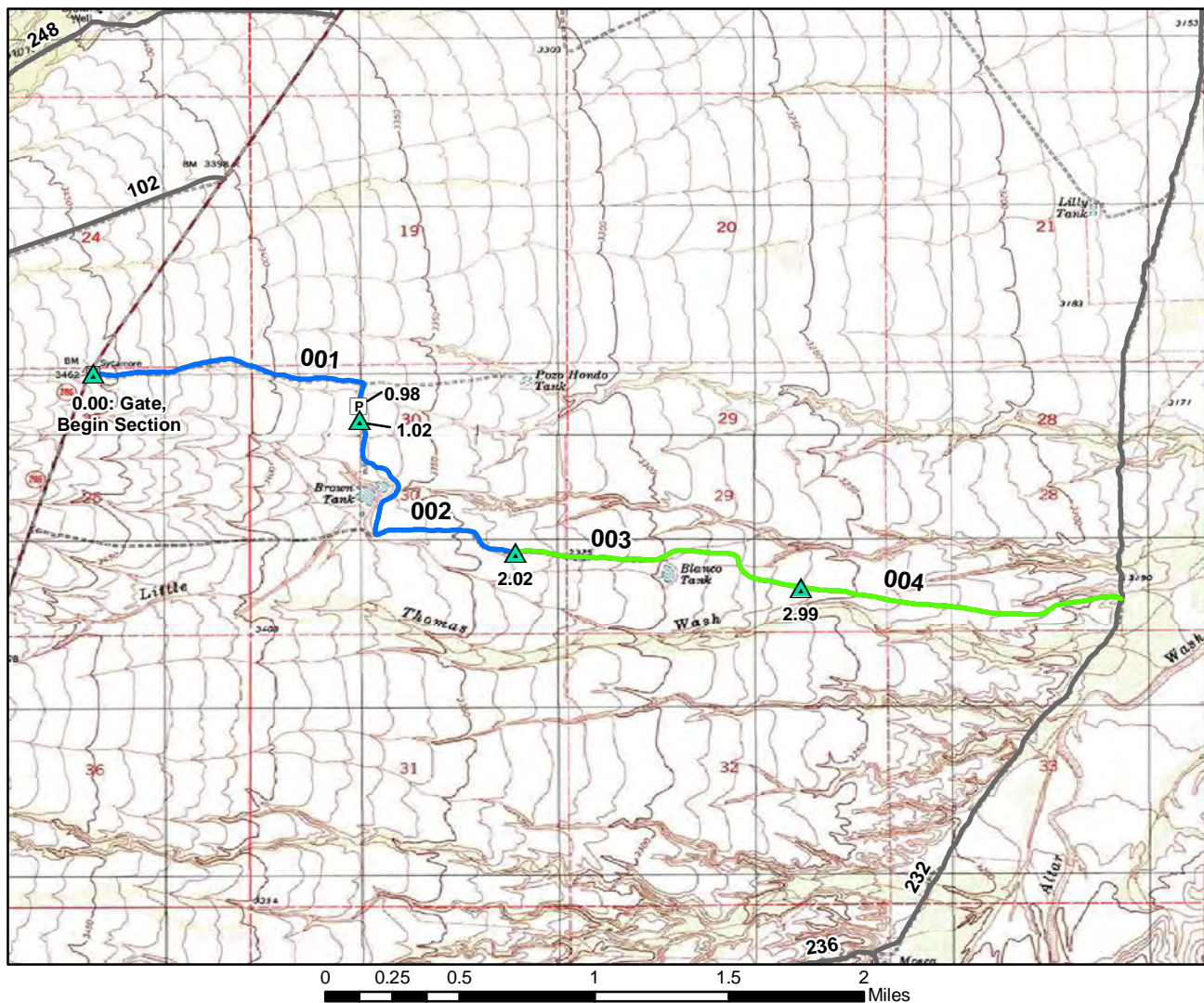
ROUTE: 236 Road Camp Road TOTAL LENGTH: 3.09 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)

Section Number	001	002	003		
Section Length (miles)	1.08	0.98	1.02		
Inspection Date	3/16/2008	3/16/2008	3/16/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	10	10	10		
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Excellent		
Remaining Service Life (years)	9	9	9		
Cost Estimate	\$0	\$0	\$0		
CRV	\$381600	\$344400	\$360200		





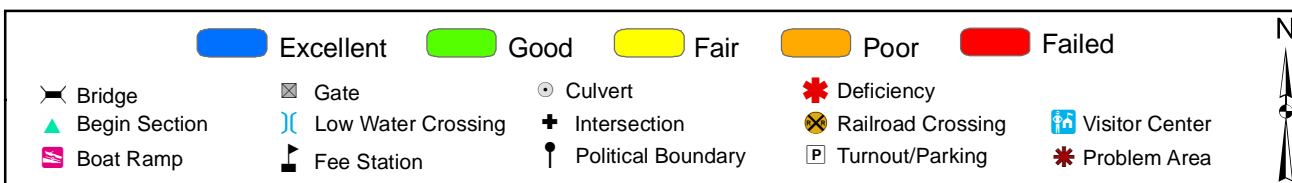
ROUTE: 237 Brown Tank Road

TOTAL LENGTH: 4.03 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Puertocito Wash North Road (Rte 232)

Section Number	001	002	003	004	
Section Length (miles)	1.02	1.00	0.97	1.04	
Inspection Date	3/16/2008	3/16/2008	3/16/2008	3/16/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	10	12	10	10	
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good	Good	
Remaining Service Life (years)	9	9	5	5	
Cost Estimate	\$0	\$0	\$1700	\$1800	
CRV	\$358800	\$350600	\$342600	\$366400	



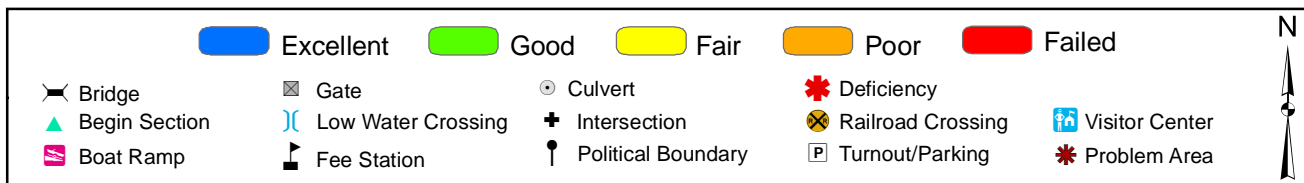
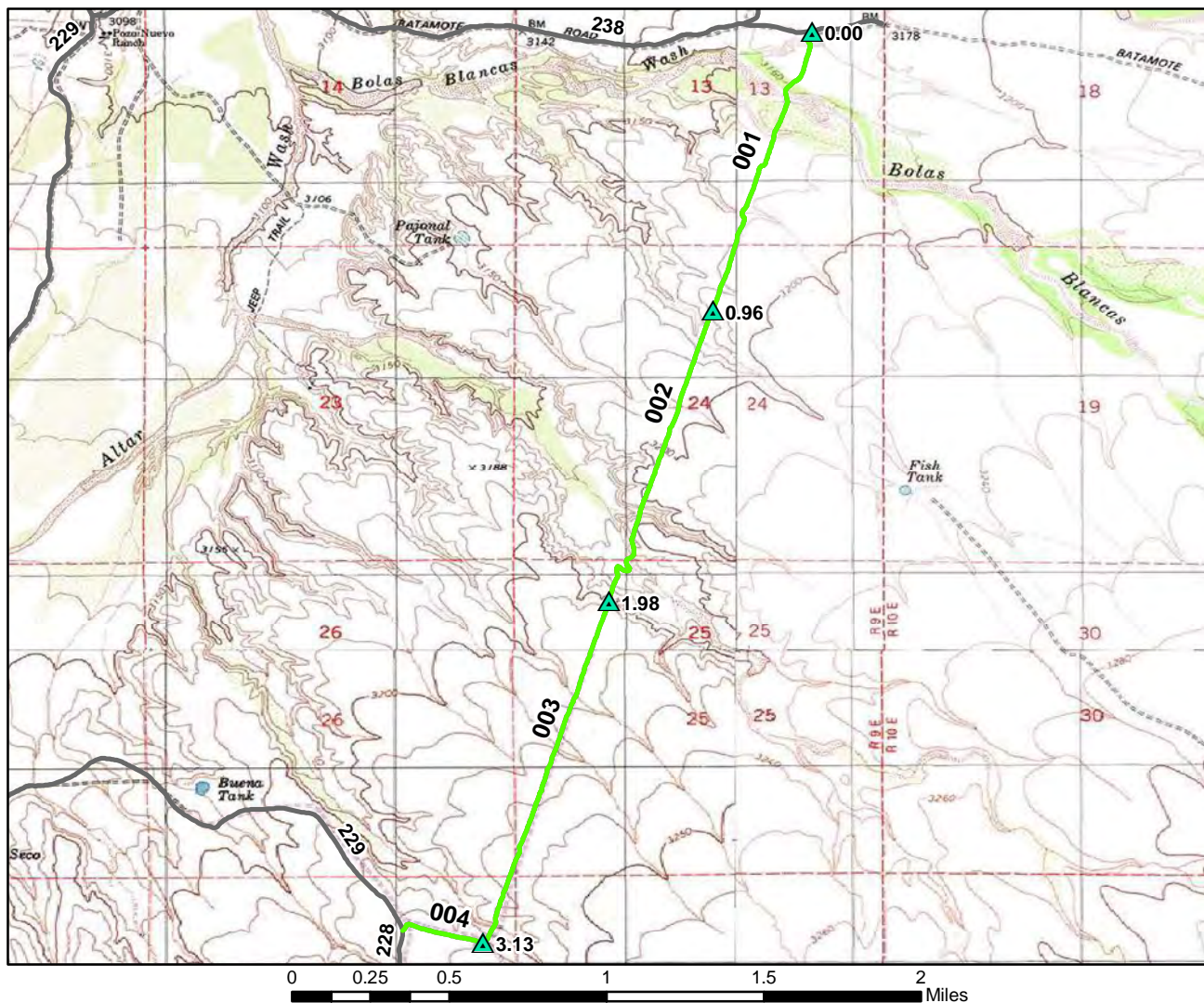
ROUTE: 238      Batamote Road      TOTAL LENGTH: 2.25 Miles

ASSET: 10009539

RTE DESCRIPTION: From Pozo Nuevo Road (Rte 229) to refuge boundary

Section Number	001	002	003		
Section Length (miles)	1.01	1.04	0.20		
Inspection Date	3/15/2008	3/16/2008	3/16/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	12	14	14		
<b>Roadway Condition Information</b>					
Condition	Good	Excellent	Excellent		
Remaining Service Life (years)	7	9	10		
Cost Estimate	\$1700	\$0	\$0		
CRV	\$356100	\$365400	\$71600		



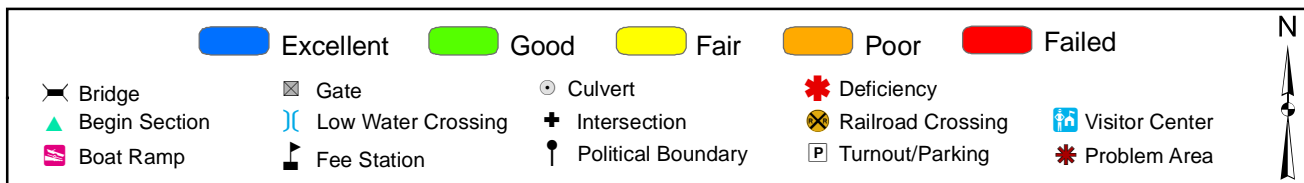
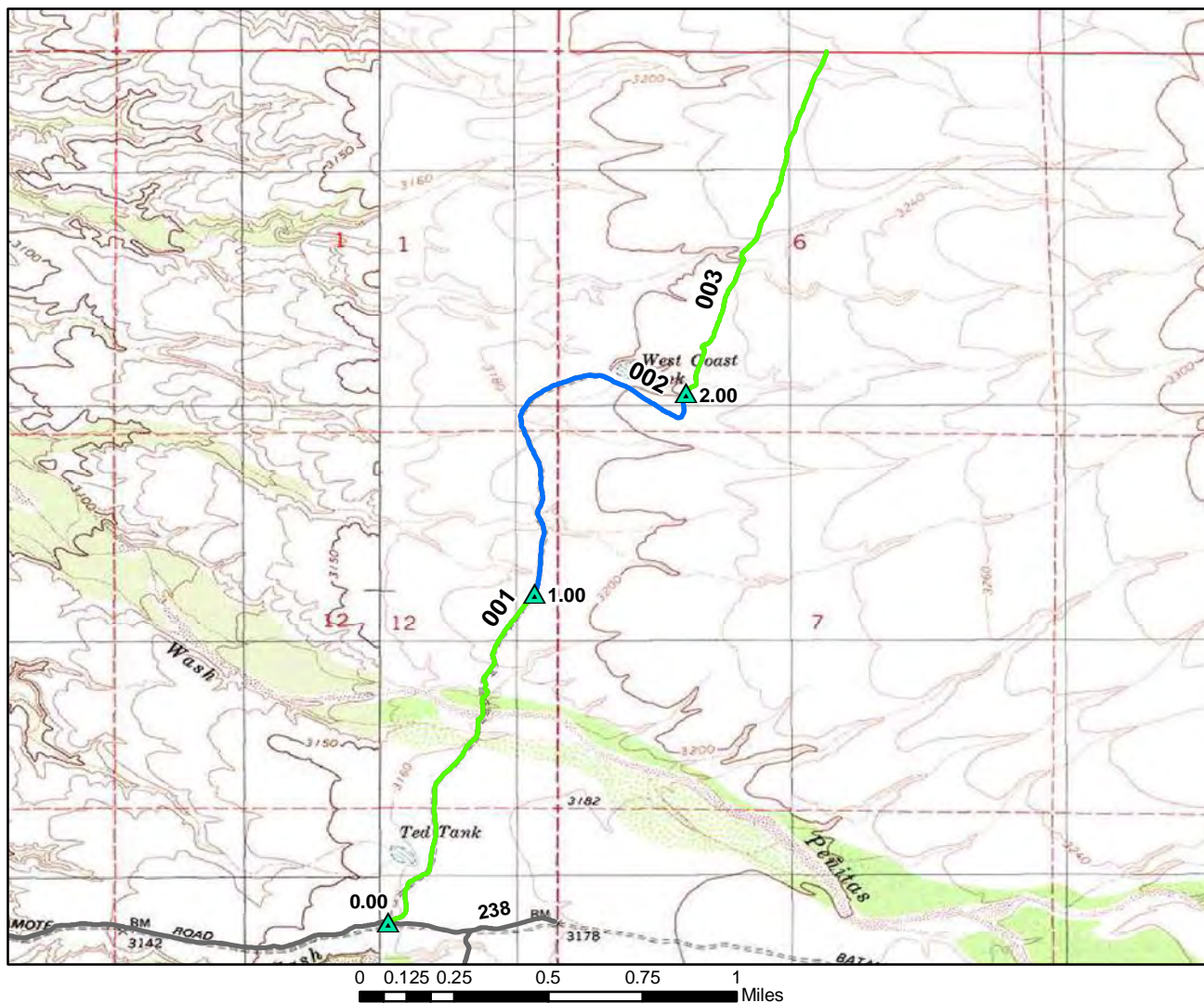


ROUTE: 239      Straight Road      TOTAL LENGTH: 3.37 Miles

ASSET: 10009539

RTE DESCRIPTION: From Batamote Road (Rte 238) to Bueno Tank Road (Rte 229)

Section Number	001	002	003	004	
Section Length (miles)	0.96	1.02	1.15	0.24	
Inspection Date	3/16/2008	3/16/2008	3/16/2008	3/16/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	8	8	8	8	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	
Remaining Service Life (years)	7	7	5	7	
Cost Estimate	\$1600	\$1700	\$1900	\$400	
CRV	\$336600	\$360400	\$403900	\$83500	



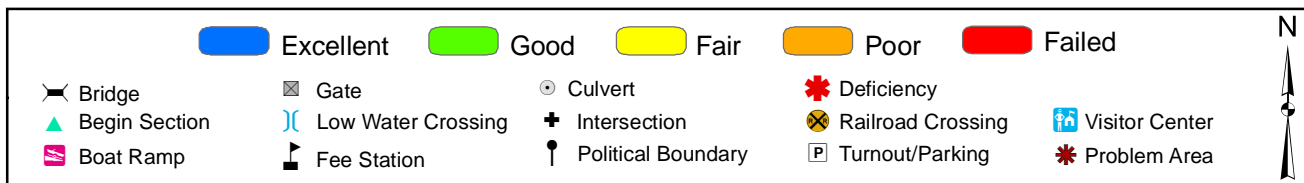
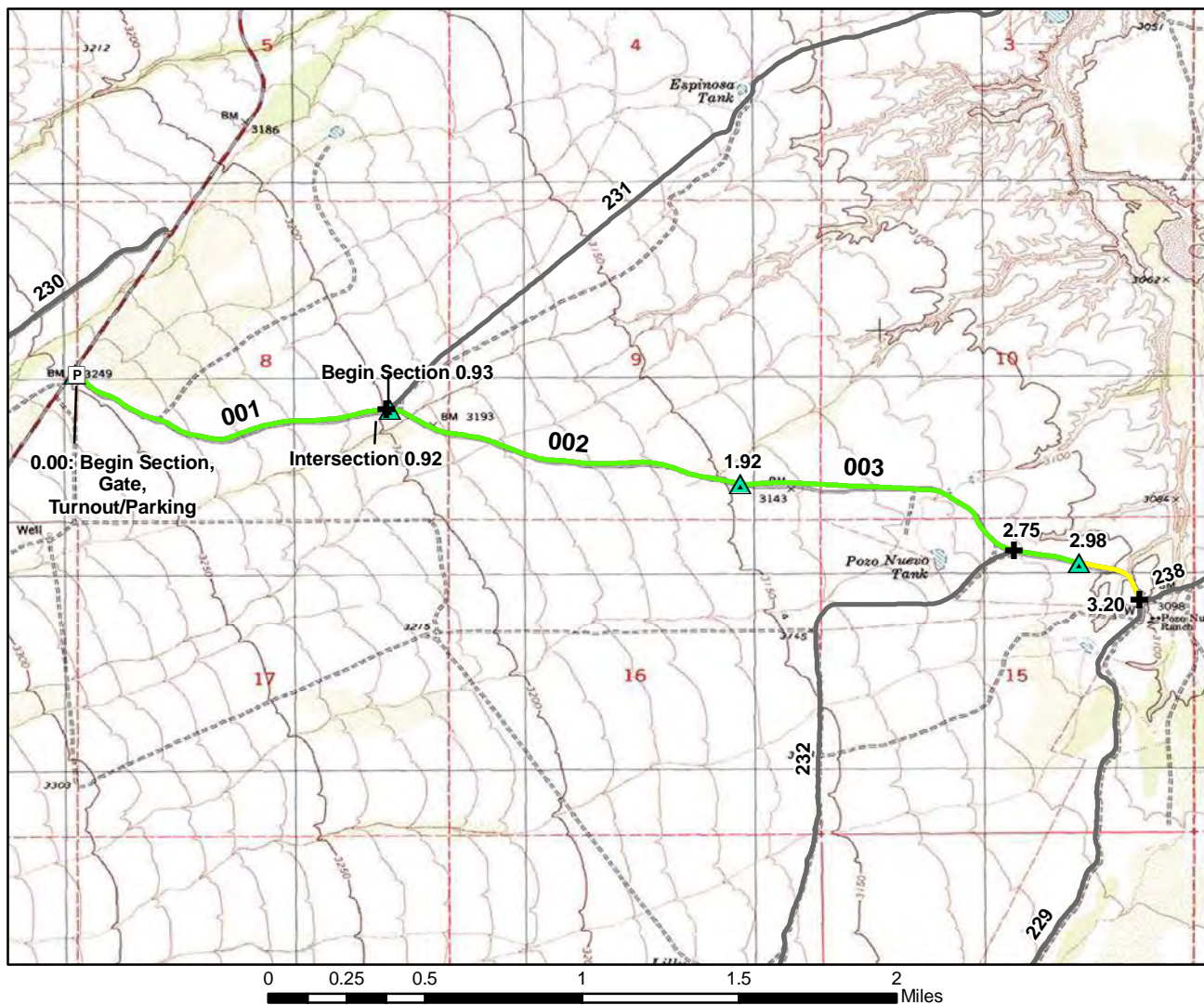
ROUTE: 240 Ted Tank Road TOTAL LENGTH: 2.98 Miles

ASSET: 10009539

RTE DESCRIPTION: From Batamote Road (Rte 238) to refuge boundary

Section Number	001	002	003		
Section Length (miles)	1.00	1.00	0.99		
Inspection Date	3/16/2008	3/16/2008	3/16/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	8	8	8		
<b>Roadway Condition Information</b>					
Condition	Good	Excellent	Good		
Remaining Service Life (years)	7	9	7		
Cost Estimate	\$1700	\$0	\$1700		
CRV	\$351900	\$350000	\$346900		





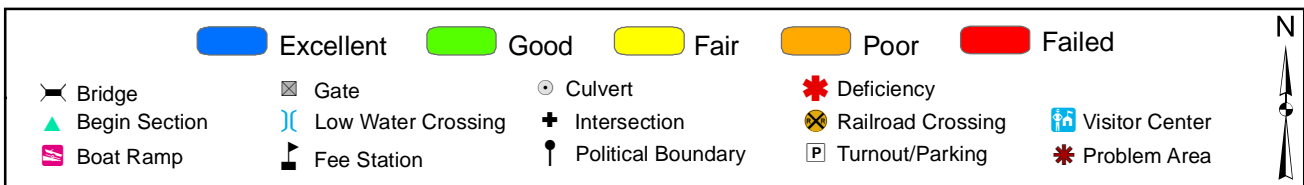
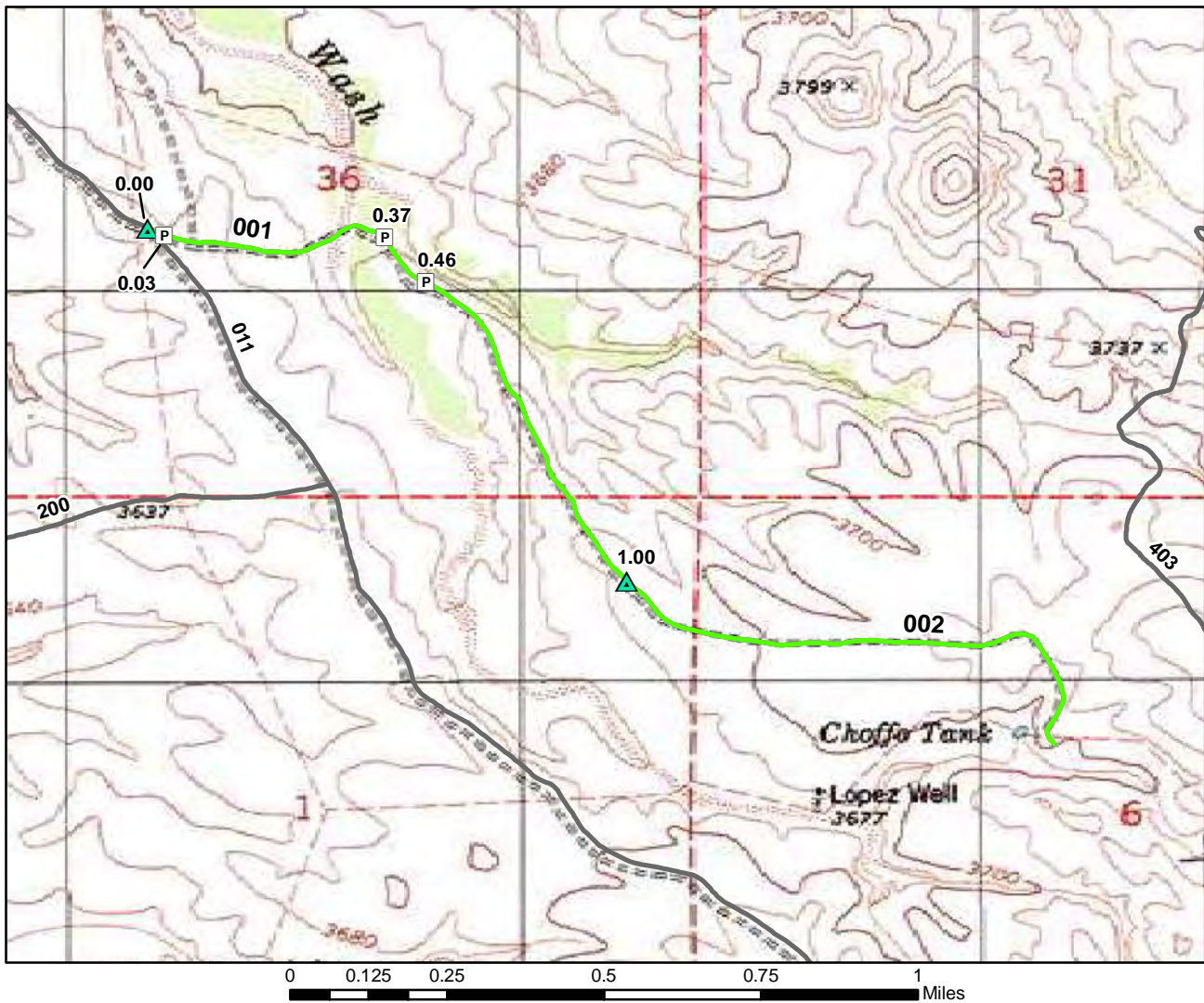
ROUTE: 241 Pozo Nuevo Road

TOTAL LENGTH: 3.16 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Bueno Tank Road (Rte229)

Section Number	001	002	003	004	
Section Length (miles)	0.93	0.99	1.01	0.22	
Inspection Date	3/16/2008	3/16/2008	3/16/2008	3/16/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	2	2	2	2	
Roadway Width (feet)	18	16	16	16	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Fair	
Remaining Service Life (years)	7	7	7	3	
Cost Estimate	\$1600	\$1700	\$1700	\$500	
CRV	\$327100	\$350000	\$354700	\$78100	



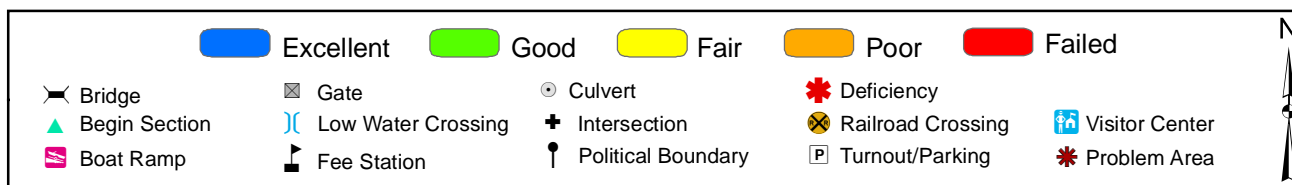
ROUTE: 242 Choffo Tank Road TOTAL LENGTH: 1.78 Miles

ASSET: 10009539

RTE DESCRIPTION: From Pronghorn Tour Loop (011) to Choffo Tank

Section Number	001	002			
Section Length (miles)	1.00	0.78			
Inspection Date	3/11/2008	3/11/2008			
<b>Section Information</b>					
Surface Type	Native	Native			
Number of Lanes	1	1			
Roadway Width (feet)	12	12			
<b>Roadway Condition Information</b>					
Condition	Good	Good			
Remaining Service Life (years)	7	7			
Cost Estimate	\$1700	\$1300			
CRV	\$351600	\$274300			

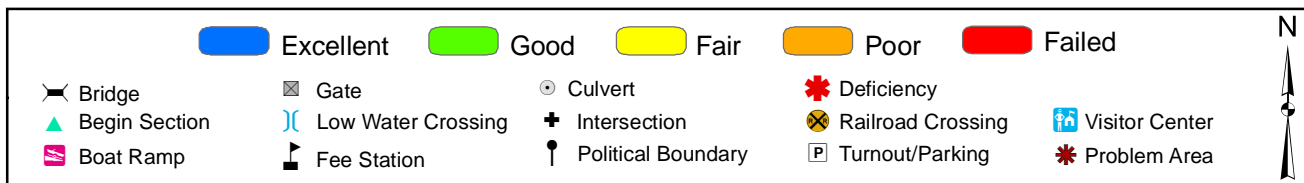
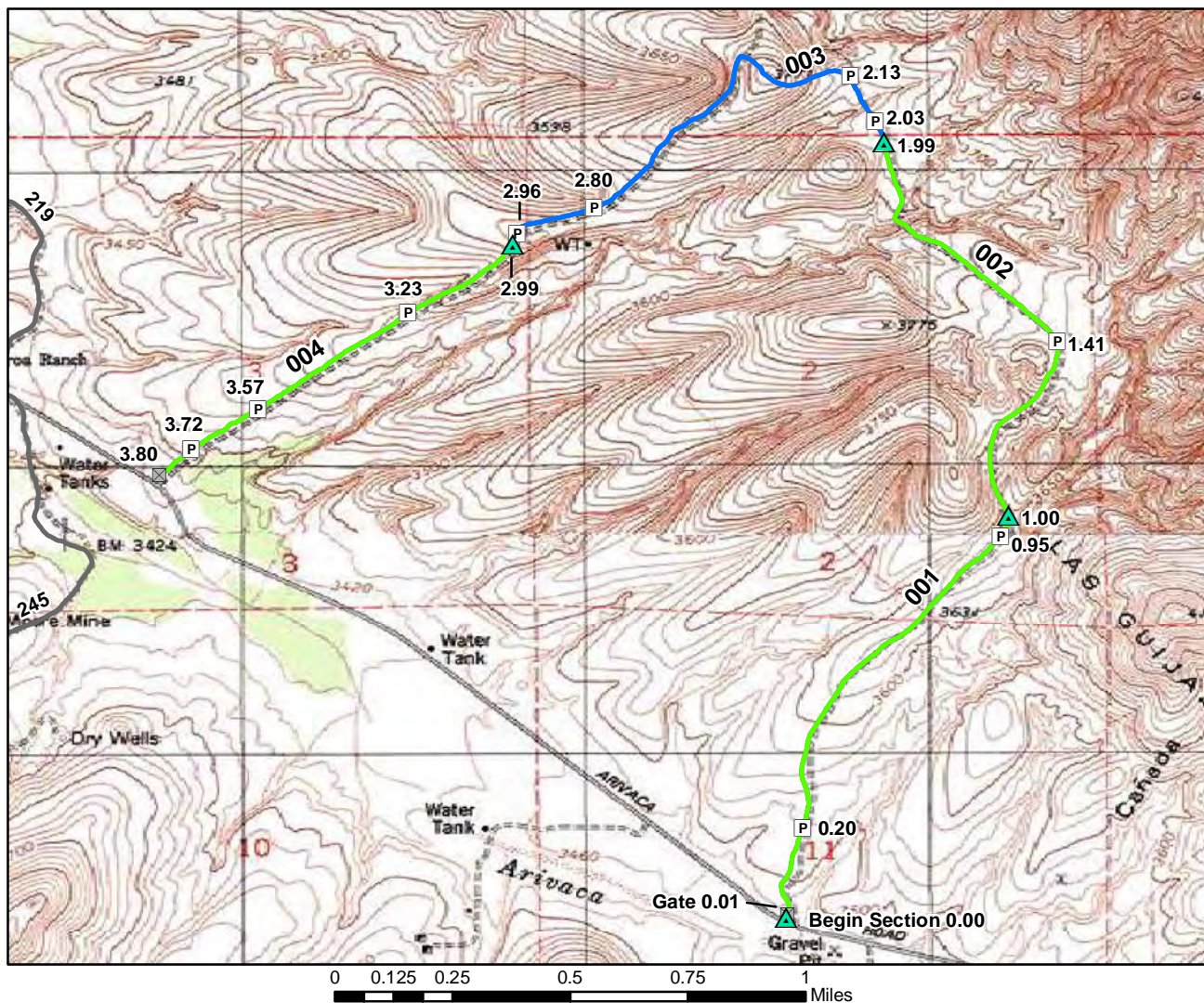




TOTAL LENGTH: 1.75 Miles

RTE DESCRIPTION: Chivo Tank Road (Rte 215) to Pronghorn Tour Loop Road (Rte 011)





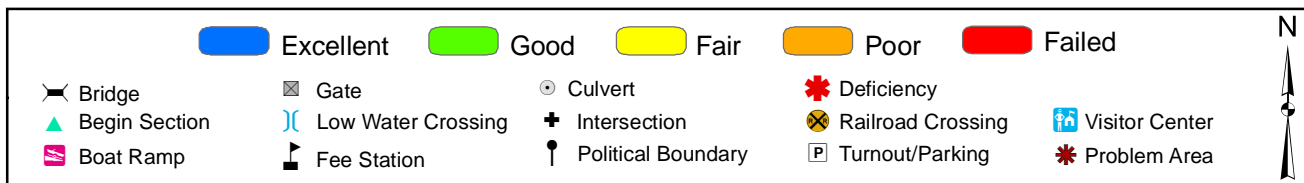
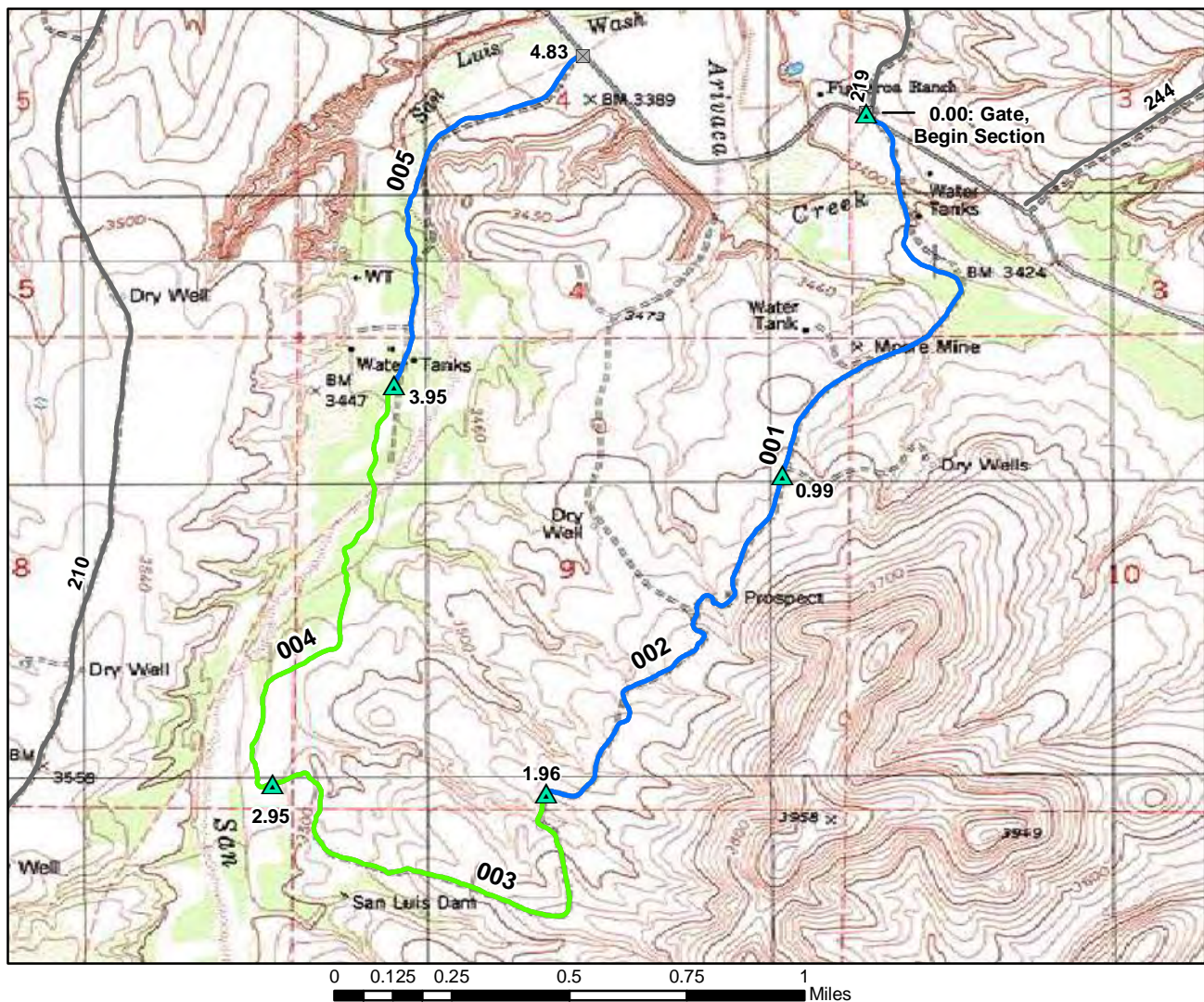
ROUTE: 244 Mesquite Loop Road TOTAL LENGTH: 3.81 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Arivaca Road

Section Number	001	002	003	004	
Section Length (miles)	1.00	0.99	1.00	0.82	
Inspection Date	3/12/2008	3/12/2008	3/12/2008	3/12/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	8	9	9	11	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Excellent	Good	
Remaining Service Life (years)	7	7	10	7	
Cost Estimate	\$1700	\$1700	\$0	\$1400	
CRV	\$352000	\$346800	\$351500	\$288900	





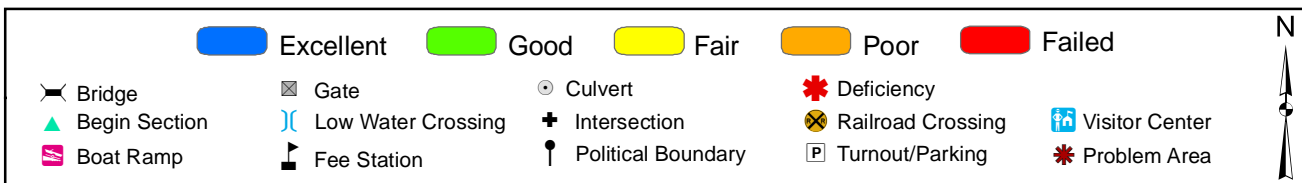
ROUTE: 245 Honey Trap Loop Road

TOTAL LENGTH: 4.83 Miles

ASSET: 10009539

RTE DESCRIPTION: From Arivaca Road to Arivaca Road

Section Number	001	002	003	004	005
Section Length (miles)	0.99	0.96	1.00	1.00	0.88
Inspection Date	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	9	9	8	9	9
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good	Good	Excellent
Remaining Service Life (years)	9	9	7	5	8
Cost Estimate	\$0	\$0	\$1700	\$1700	\$0
CRV	\$349100	\$338400	\$350600	\$351000	\$309000



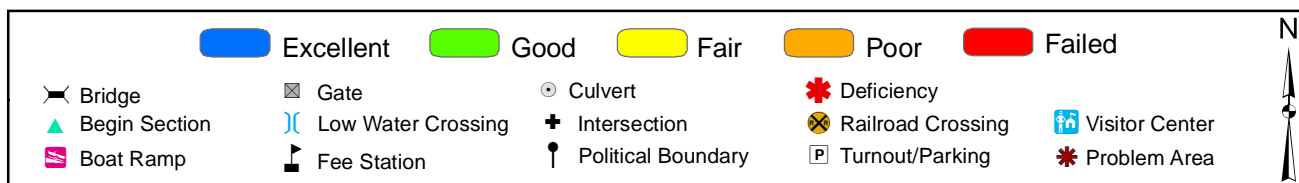
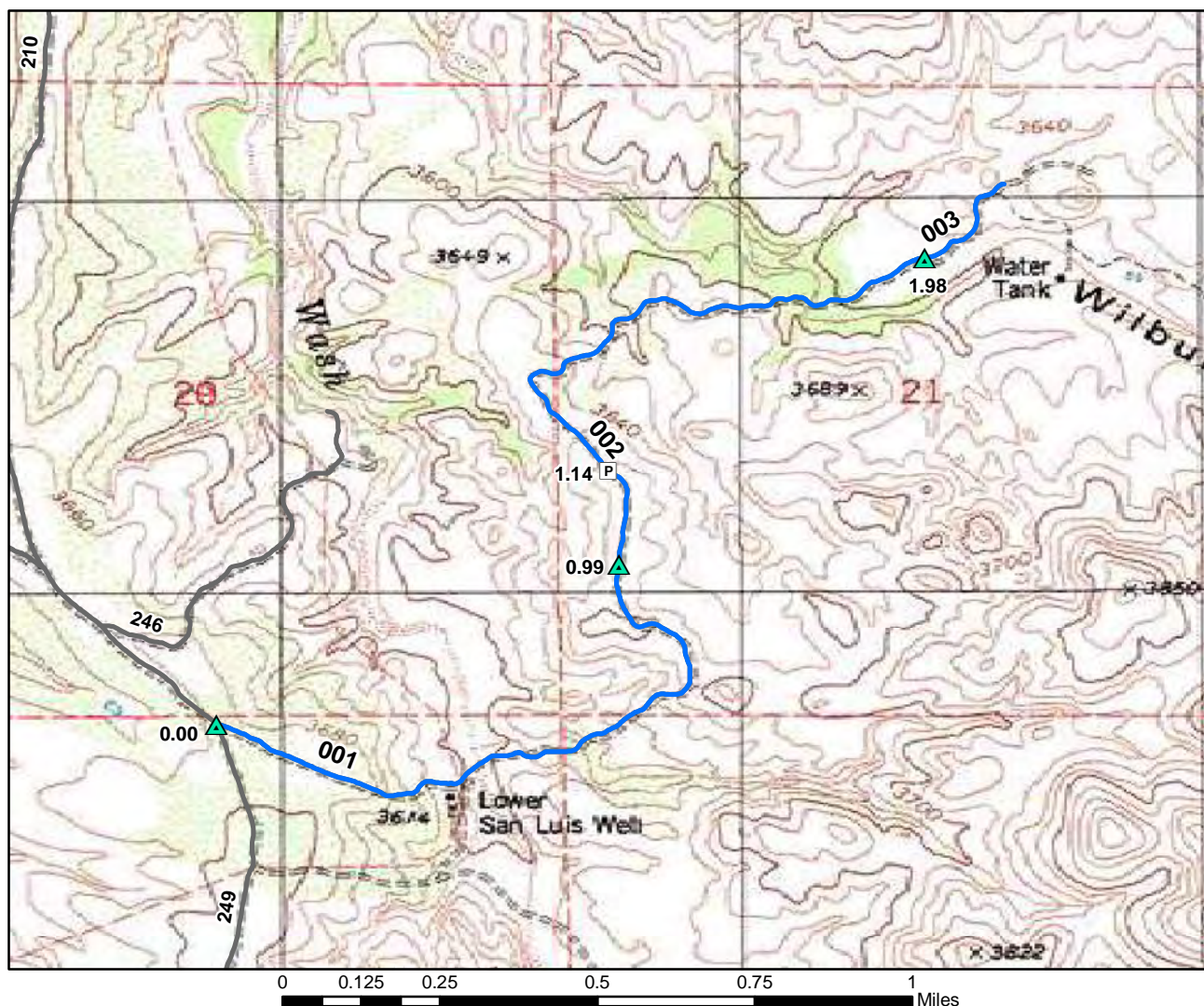
ROUTE: 246 Bee Hive Road TOTAL LENGTH: 0.62 Miles

ASSET: 10009539

RTE DESCRIPTION: From Rock Tank Road (Rte 249) to end of route

Section Number	001				
Section Length (miles)	0.62				
Inspection Date	3/12/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	7				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	9				
Cost Estimate	\$0				
CRV	\$217800				





ROUTE: 247 Wilber Canyon Road

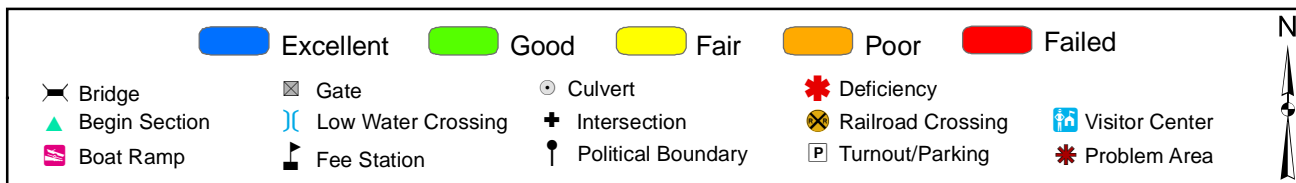
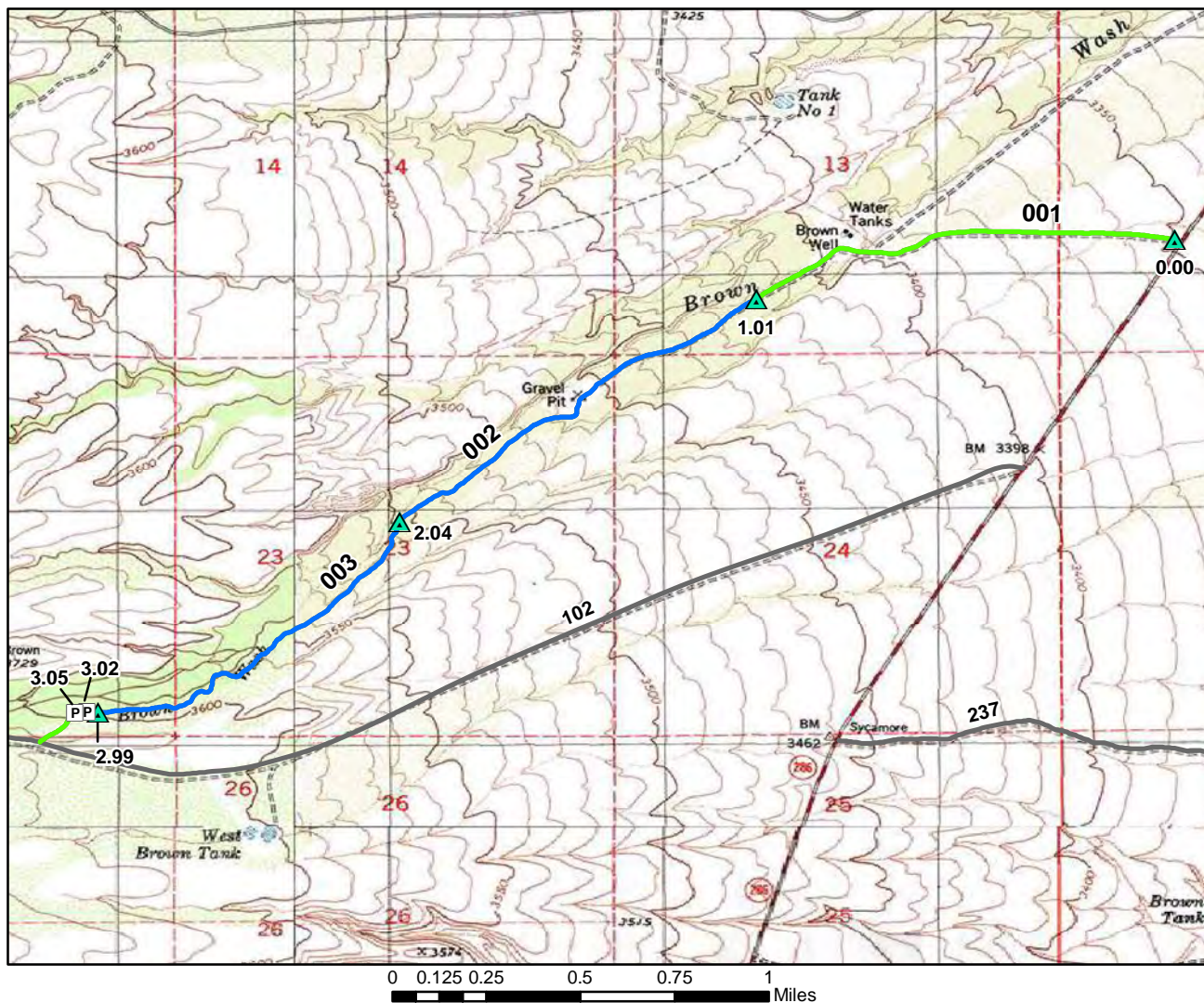
TOTAL LENGTH: 2.16 Miles

ASSET: 10009539

RTE DESCRIPTION: From Rock Tank Road (Rte 249) to refuge boundary

Section Number	001	002	003		
Section Length (miles)	0.99	0.99	0.18		
Inspection Date	3/12/2008	3/12/2008	3/12/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	9	7	8		
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Excellent		
Remaining Service Life (years)	9	9	10		
Cost Estimate	\$0	\$0	\$0		
CRV	\$348500	\$349100	\$63000		





ROUTE: 248 Brown Well Road

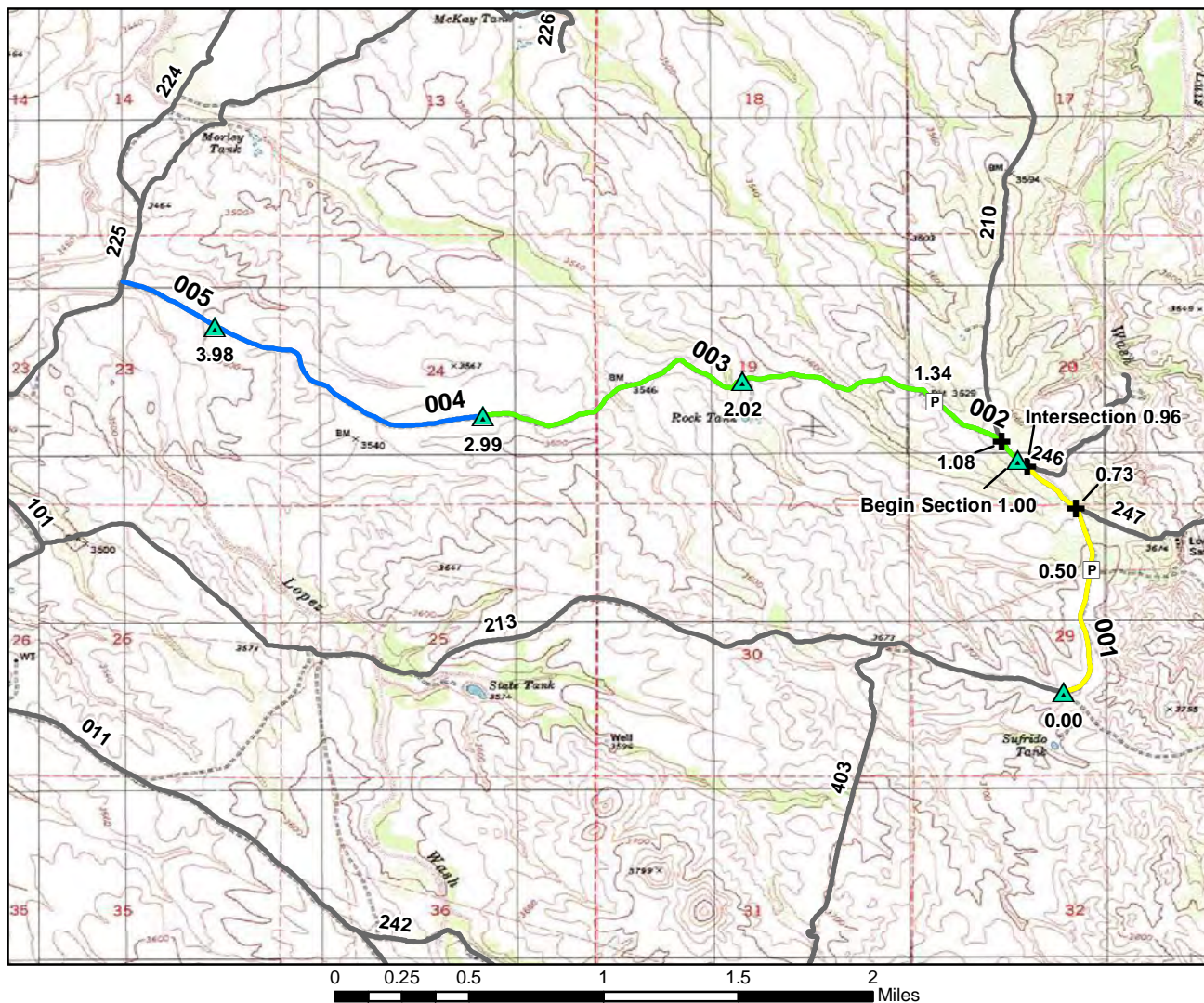
TOTAL LENGTH: 3.16 Miles

ASSET: 10009539

RTE DESCRIPTION: From AZ Hwy 286 to Brown Canyon Road (Rte 102)

Section Number	001	002	003	004	
Section Length (miles)	1.01	1.04	0.95	0.17	
Inspection Date	3/14/2008	3/14/2008	3/14/2008	3/14/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	9	8	8	9	
<b>Roadway Condition Information</b>					
Condition	Good	Excellent	Excellent	Good	
Remaining Service Life (years)	7	9	10	7	
Cost Estimate	\$1700	\$0	\$0	\$300	
CRV	\$354700	\$364100	\$333100	\$59400	





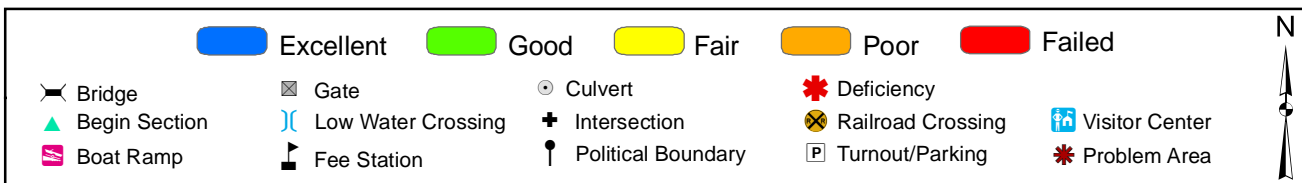
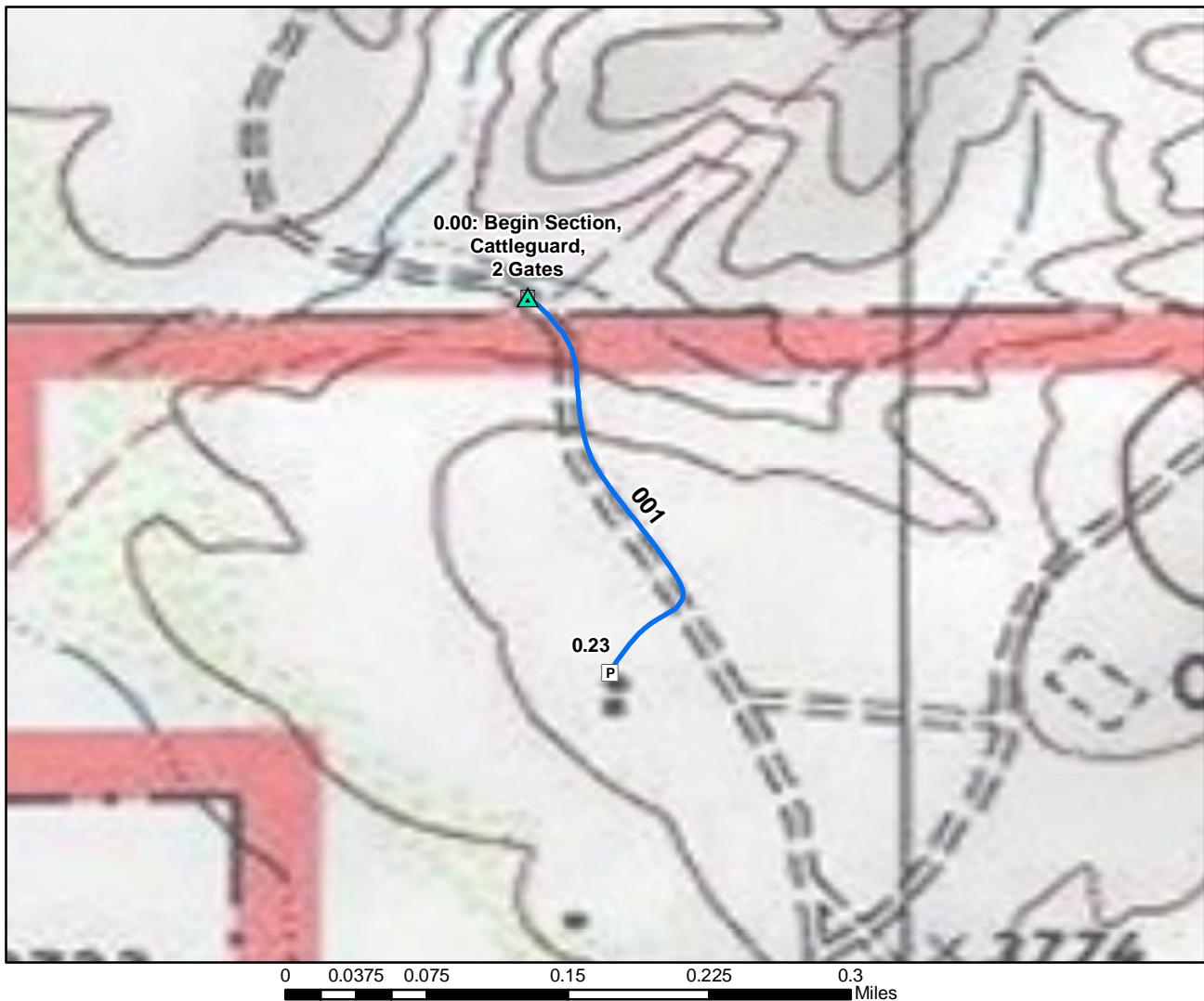
ROUTE: 249 Rock Tank Road

TOTAL LENGTH: 4.32 Miles

ASSET: 10009539

RTE DESCRIPTION: From State Tank Road (Rte 213) to McKay Tank Road (Rte 225)

Section Number	001	002	003	004	005
Section Length (miles)	1.00	1.02	0.97	1.00	0.34
Inspection Date	3/14/2008	3/14/2008	3/14/2008	3/14/2008	3/14/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	11	10	8	8	9
<b>Roadway Condition Information</b>					
Condition	Fair	Good	Good	Excellent	Excellent
Remaining Service Life (years)	3	7	7	9	10
Cost Estimate	\$2100	\$1700	\$1600	\$0	\$0
CRV	\$352600	\$358700	\$339700	\$350400	\$119100



ROUTE: 301 Montana Ranch Road

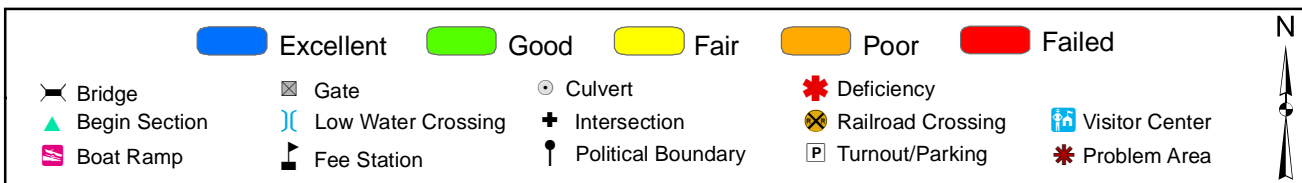
TOTAL LENGTH: 0.23 Miles

ASSET: <Null>

RTE DESCRIPTION: From beginning of route to Montana Ranch Road Parking (Rte 801)

Section Number	001				
Section Length (miles)	0.23				
Inspection Date	3/12/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	13				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	10				
Cost Estimate	\$0				
CRV	\$81200				





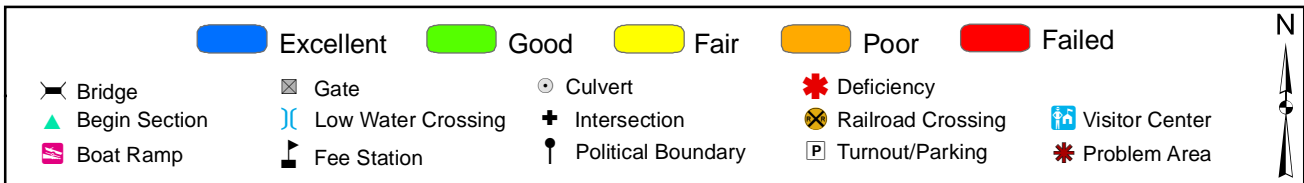
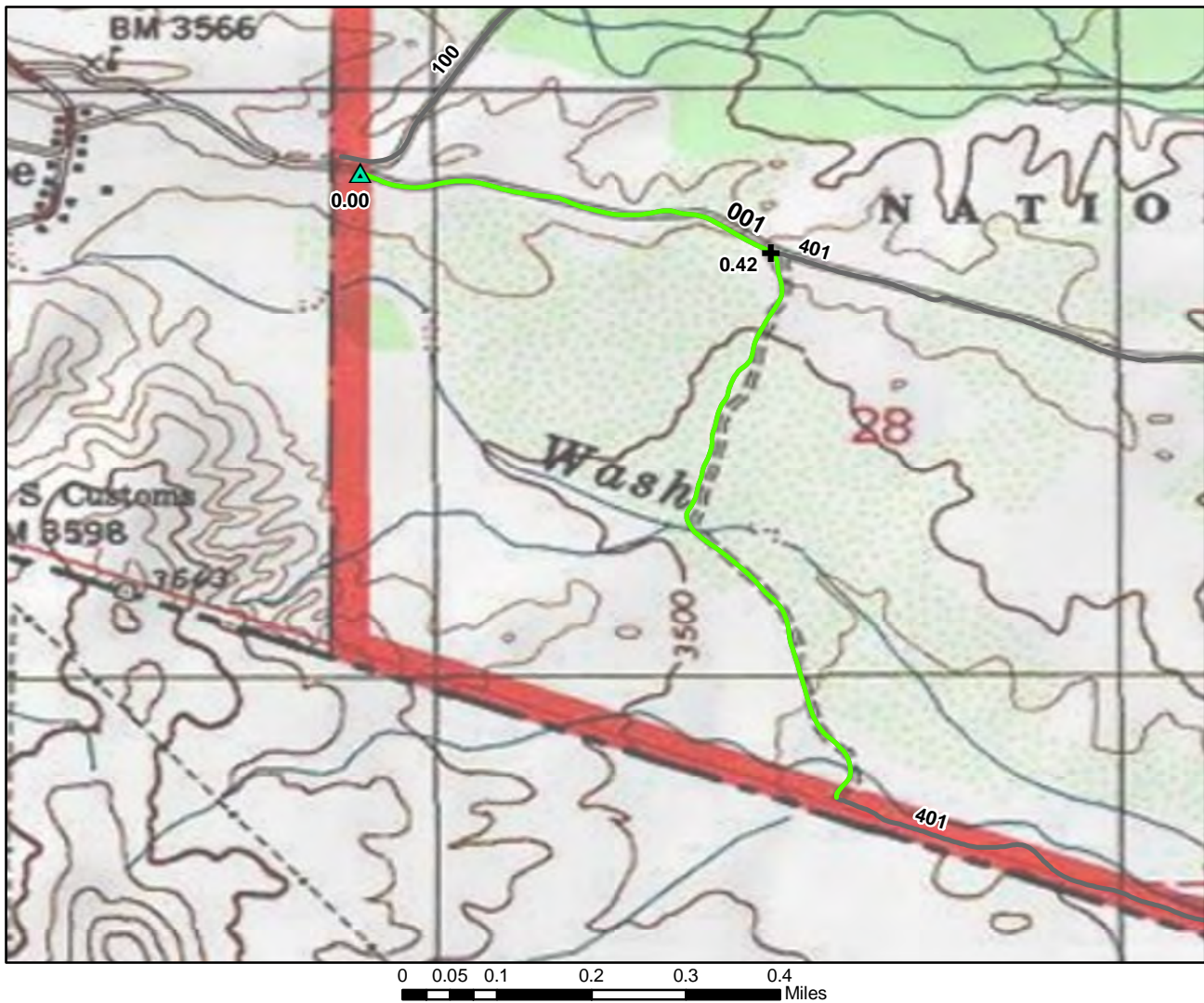
ROUTE: 302 Honnas Road

TOTAL LENGTH: 0.75 Miles

ASSET: 10009612

RTE DESCRIPTION: From Arivaca Road to Honnas House

Section Number	001				
Section Length (miles)	0.75				
Inspection Date	3/12/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	9				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	9				
Cost Estimate	\$0				
CRV	\$262600				



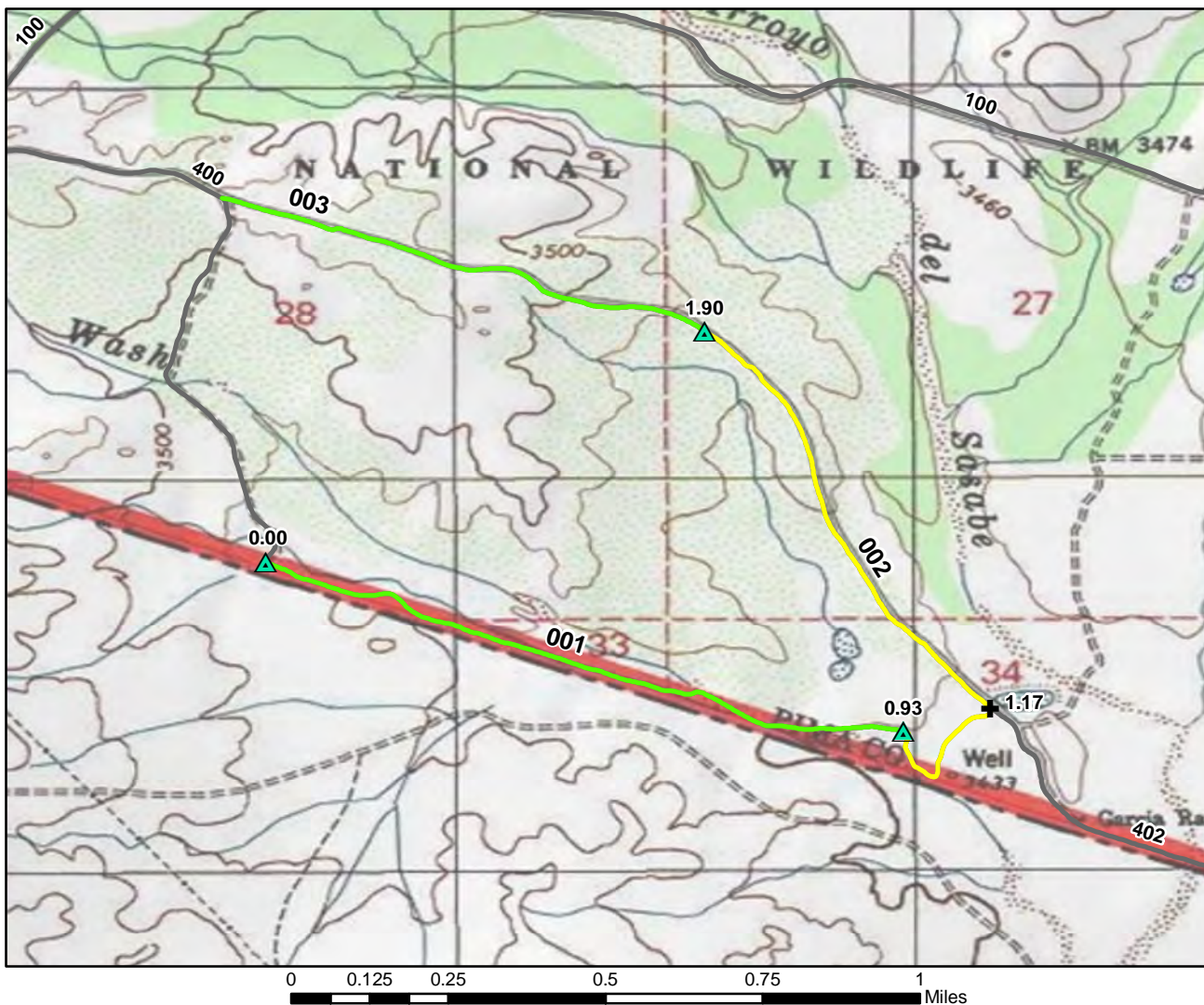
ROUTE: 400 East Gate Road TOTAL LENGTH: 1.04 Miles

ASSET: <Null>

RTE DESCRIPTION: From refuge boundary to Ashcraft Road (Rte 401) at U.S. border

Section Number	001				
Section Length (miles)	1.04				
Inspection Date	3/12/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	12				
<b>Roadway Condition Information</b>					
Condition	Good				
Remaining Service Life (years)	7				
Cost Estimate	\$1800				
CRV	\$367300				





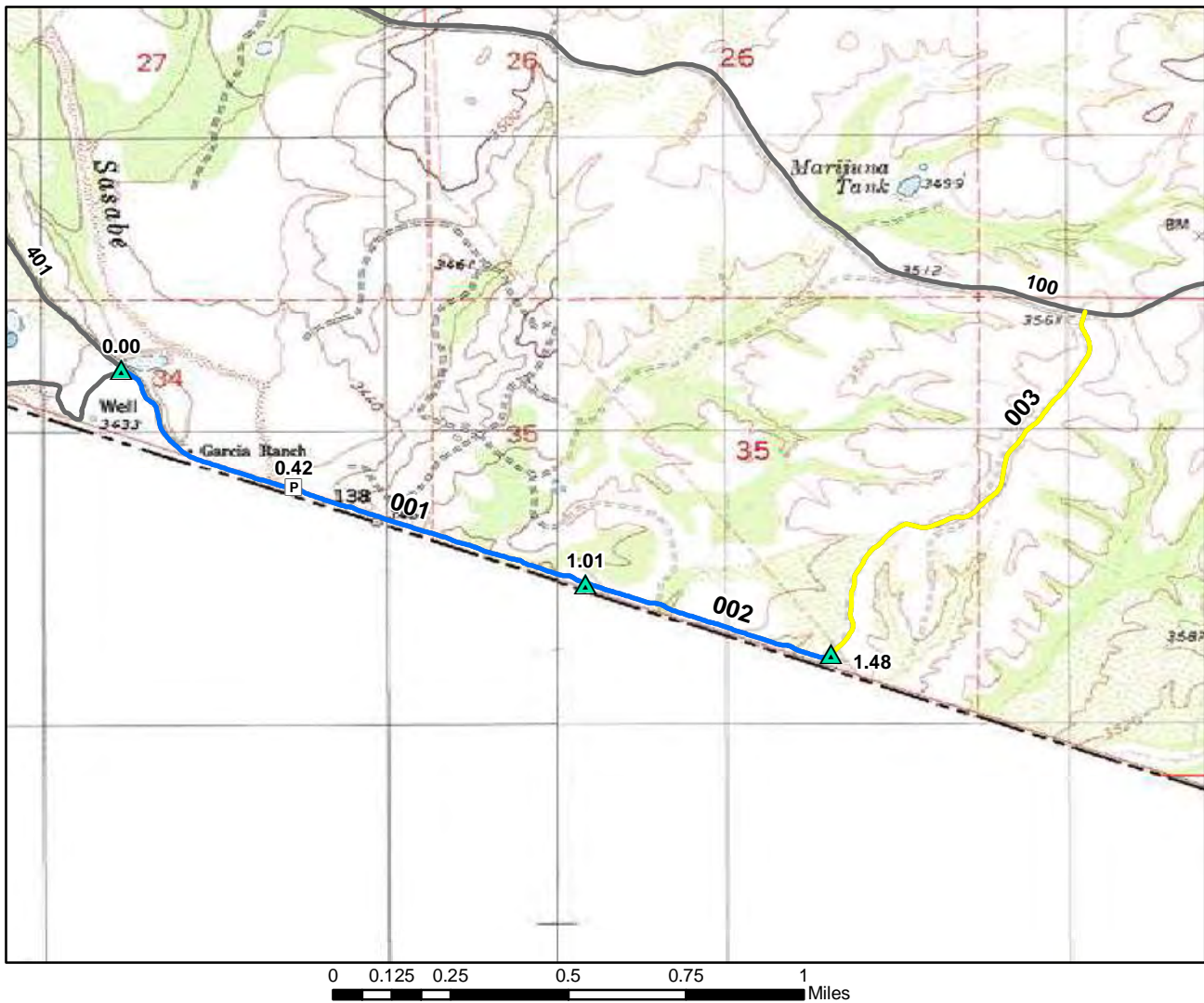
ROUTE: 401 Ashcraft Road

TOTAL LENGTH: 2.61 Miles

ASSET: <Null>

RTE DESCRIPTION: From East Gate Road (Rte 400) to East Gate Road (Rte 400)

Section Number	001	002	003		
Section Length (miles)	0.93	0.97	0.70		
Inspection Date	3/12/2008	3/12/2008	3/12/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	10	10	10		
<b>Roadway Condition Information</b>					
Condition	Good	Fair	Good		
Remaining Service Life (years)	7	3	7		
Cost Estimate	\$1600	\$2100	\$1200		
CRV	\$327300	\$342400	\$247400		



ROUTE: 402 Mordita Road

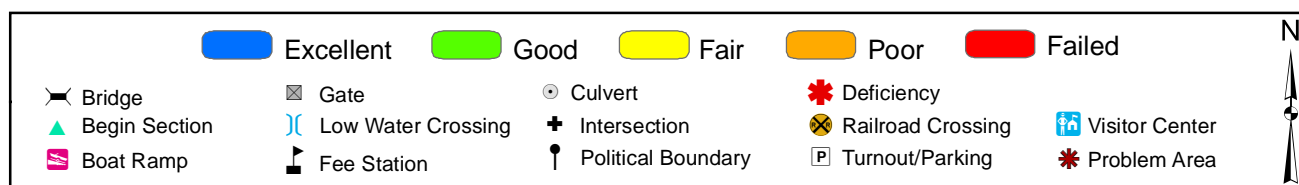
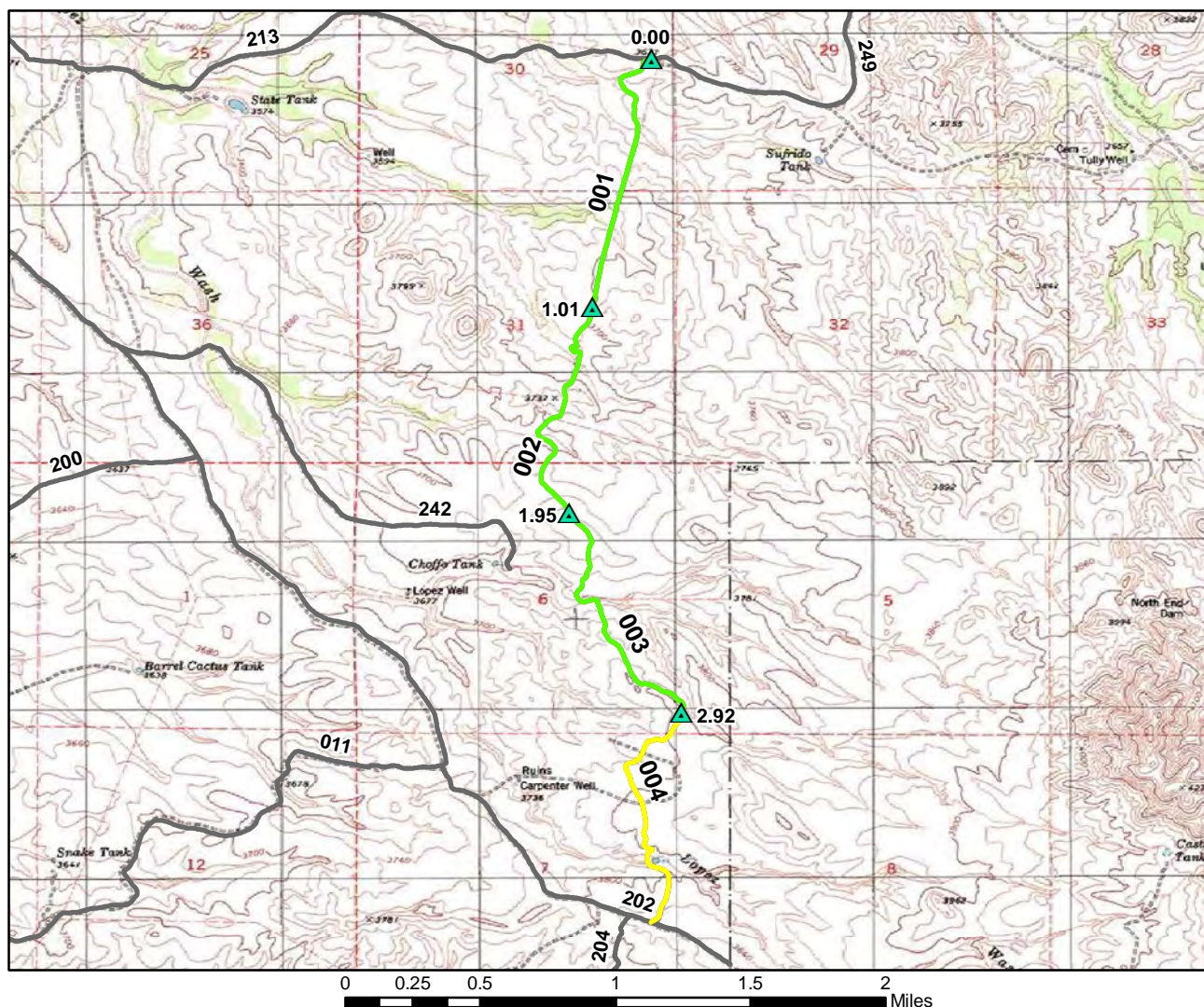
TOTAL LENGTH: 2.44 Miles

ASSET: <Null>

RTE DESCRIPTION: From Ashcraft Road to Sasabe Road (Rte 100)

Section Number	001	002	003		
Section Length (miles)	1.00	0.48	0.95		
Inspection Date	3/12/2008	3/12/2008	3/12/2008		
<b>Section Information</b>					
Surface Type	Native	Native	Native		
Number of Lanes	1	1	1		
Roadway Width (feet)	10	10	14		
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Fair		
Remaining Service Life (years)	9	9	3		
Cost Estimate	\$0	\$0	\$2000		
CRV	\$353400	\$168400	\$335800		





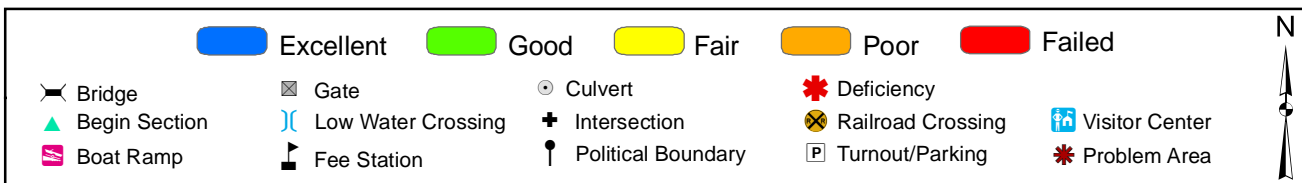
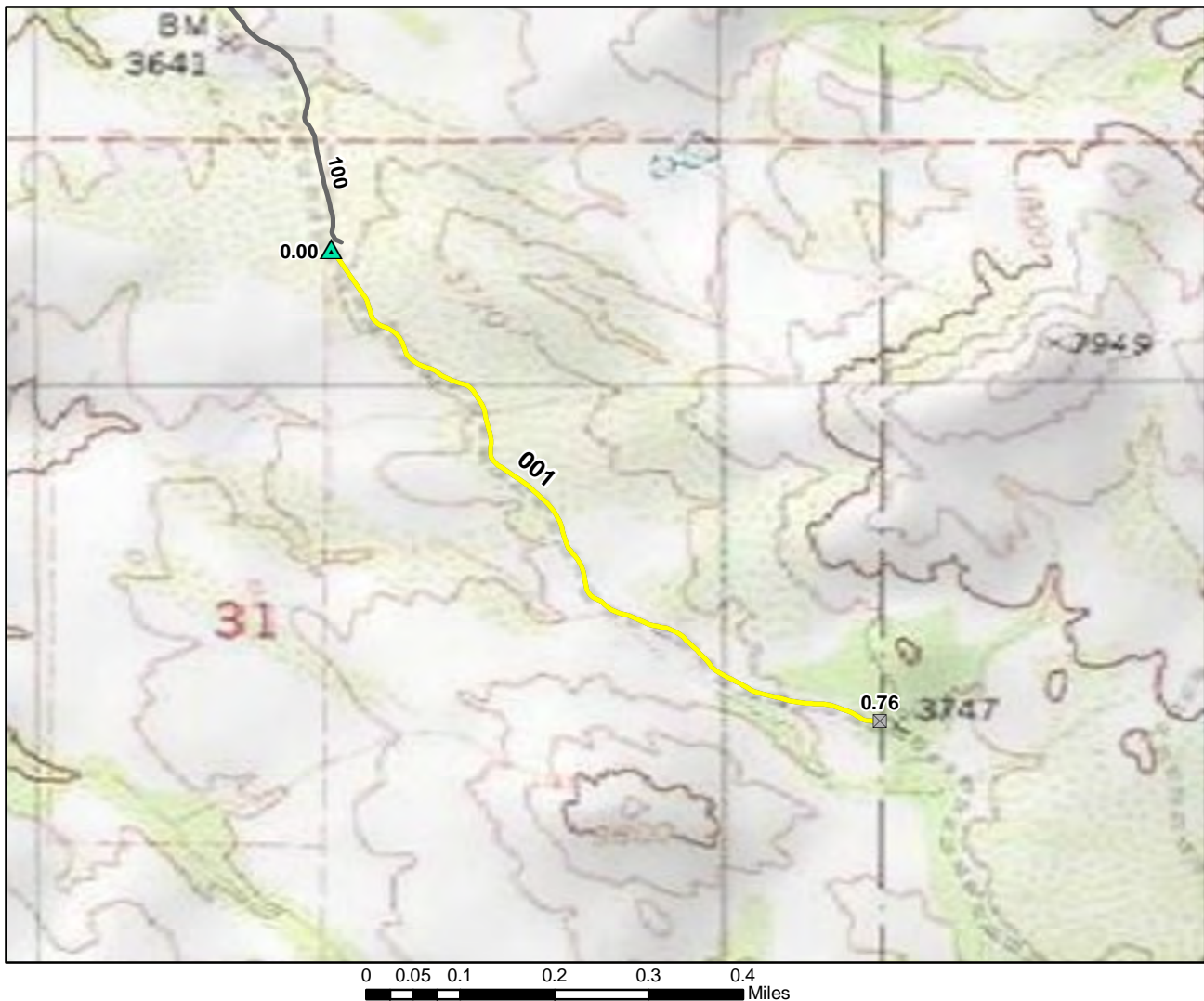
ROUTE: 403 Three Hills Road

TOTAL LENGTH: 3.90 Miles

ASSET:

RTE DESCRIPTION: From State Tank Road (Rte 213) to Forest Access Road (Rte 202)

Section Number	001	002	003	004	
Section Length (miles)	1.02	0.94	0.97	0.98	
Inspection Date	3/11/2008	3/11/2008	3/11/2008	3/11/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	12	12	11	11	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Fair	
Remaining Service Life (years)	5	7	5	3	
Cost Estimate	\$1700	\$1600	\$1600	\$2100	
CRV	\$357100	\$329800	\$341000	\$343100	



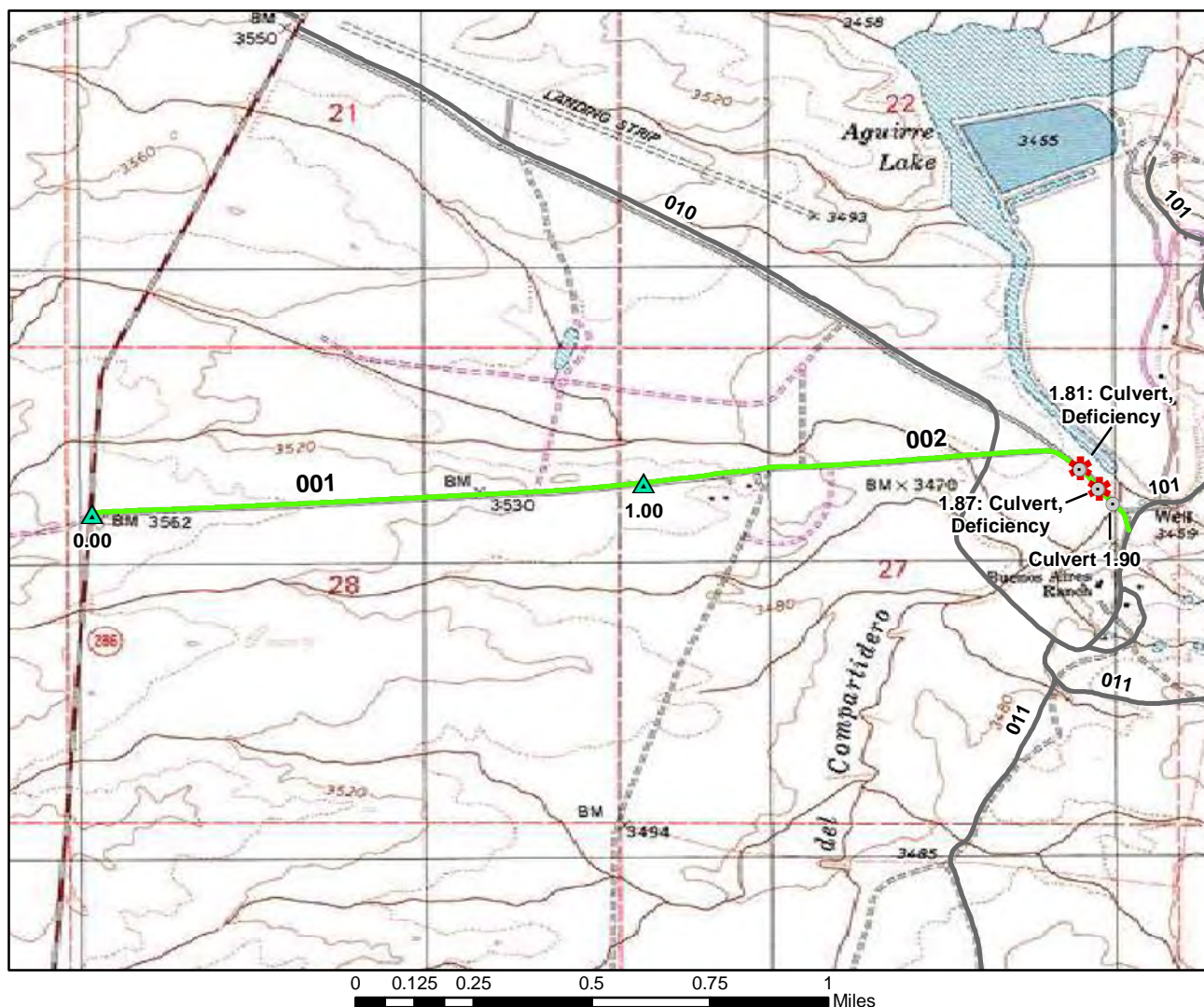
ROUTE: 404      Fresno Canyon Road      TOTAL LENGTH: 0.76 Miles

ASSET: <Null>

RTE DESCRIPTION: From end of Sasabe Road (Rte 100) to refuge boundary

Section Number	001				
Section Length (miles)	0.76				
Inspection Date	3/12/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	12				
<b>Roadway Condition Information</b>					
Condition	Fair				
Remaining Service Life (years)	3				
Cost Estimate	\$1600				
CRV	\$268300				





ROUTE: 405 Service Road

TOTAL LENGTH: 1.96 Miles

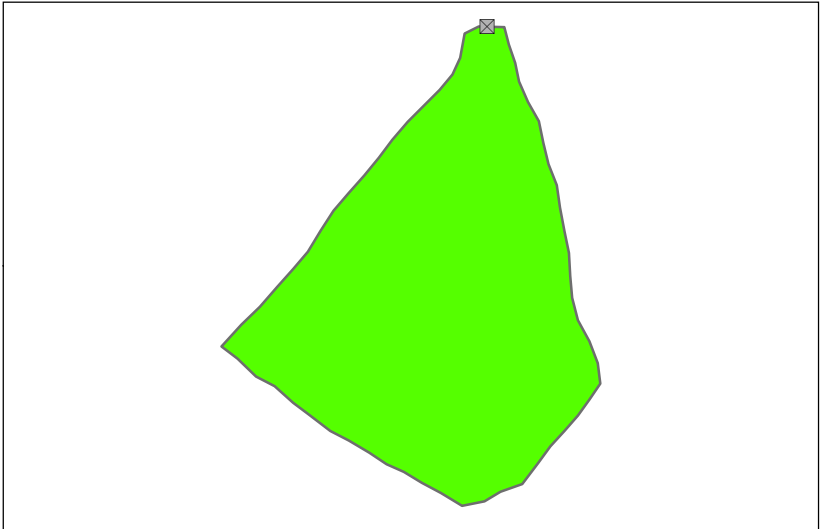
ASSET: 10009562

RTE DESCRIPTION: From AZ Hwy 286 to Aguirre Lake Road (Rte 101)

Section Number	001	002			
Section Length (miles)	1.00	0.96			
Inspection Date	3/11/2008	3/11/2008			
<b>Section Information</b>					
Surface Type	Gravel	Gravel			
Number of Lanes	2	2			
Roadway Width (feet)	22	22			
<b>Roadway Condition Information</b>					
Condition	Good	Good			
Remaining Service Life (years)	6	6			
Cost Estimate	\$1600	\$1500			
CRV	\$679200	\$655300			

Route 800: Staff Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009634	3/10/2008	Gravel	12817	Good	\$1900

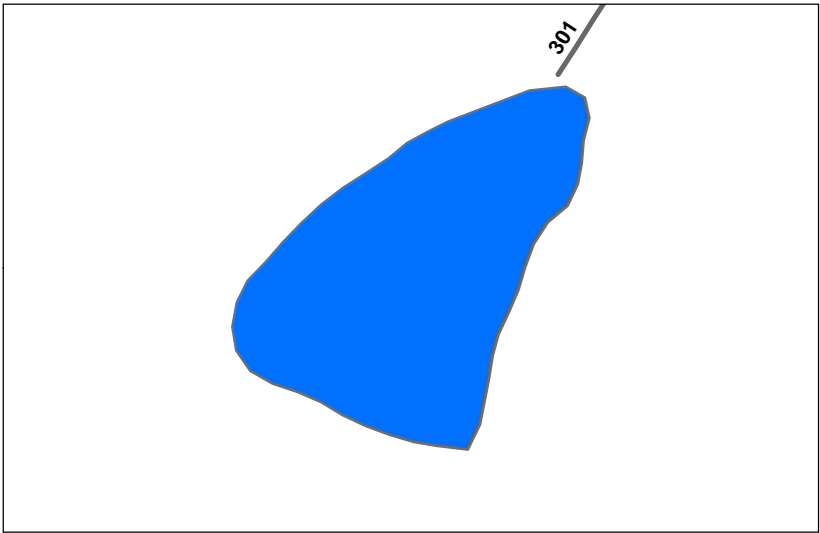


30 15 0 30 60 Feet



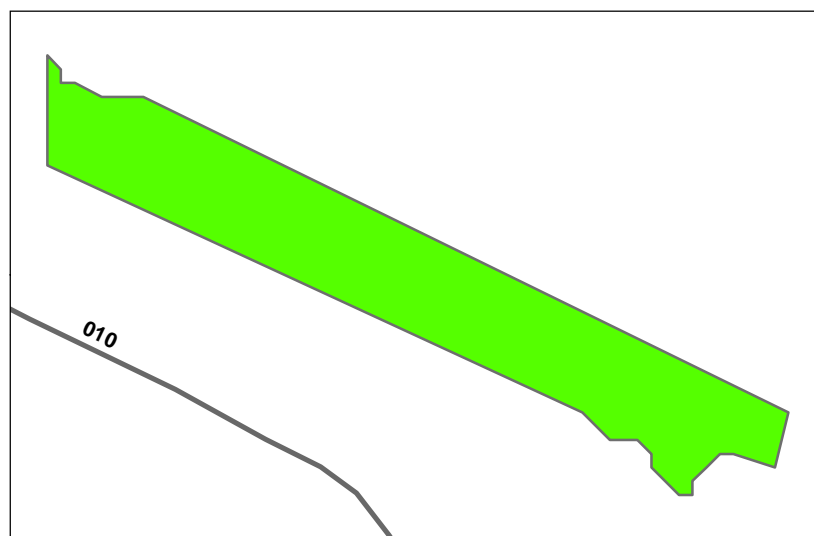
# Route 801: Montana Ranch Road Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
<Null>	3/12/2008	Native	7643	Excellent	\$0



## Route 900: Visitor Center Parking Area

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10041234	3/10/2008	Gravel	4557	Good	\$700



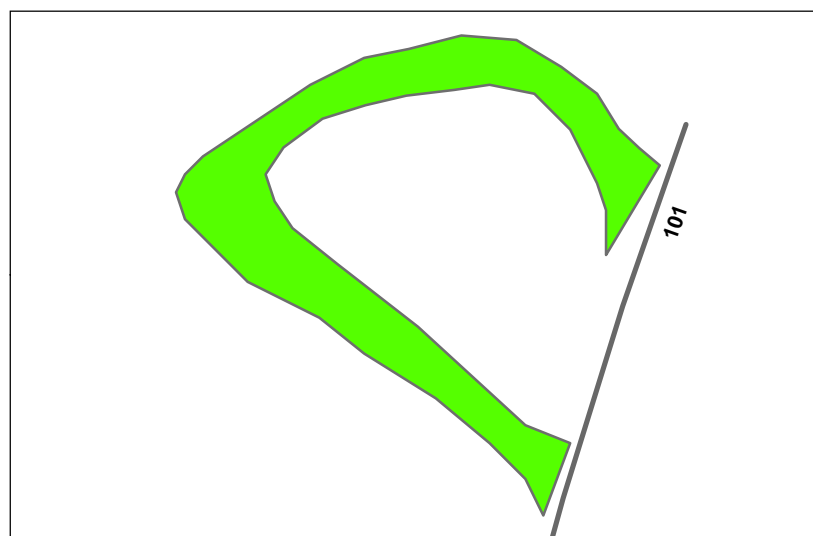
25 12.5 0 25 50 Feet

A scale bar with alternating black and white segments, marked with '0', '25', and '50 Feet'.




## Route 901: Aguirre Lake Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10041236	3/11/2008	Gravel	7003	Good	\$1000

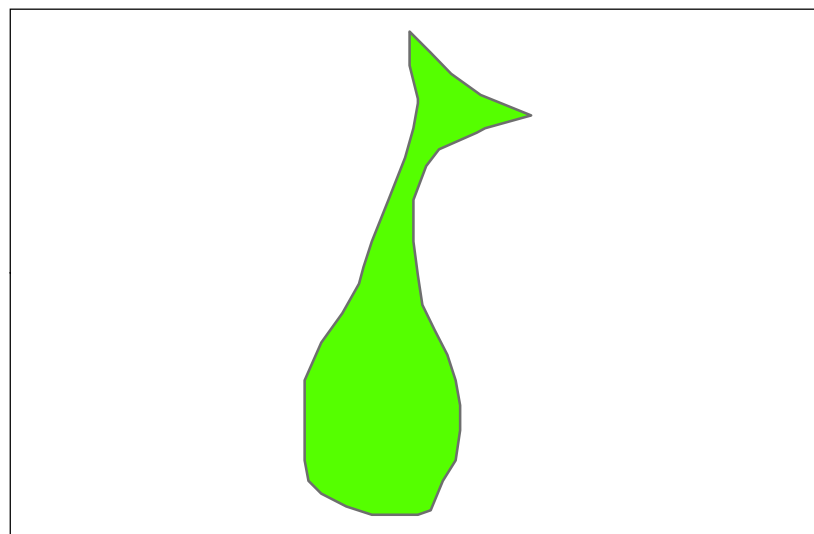


30 15 0 30 60 Feet




## Route 902: Arivaca Creek Parking Area

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10041239	3/12/2008	Gravel	25604	Good	\$3800



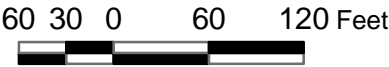
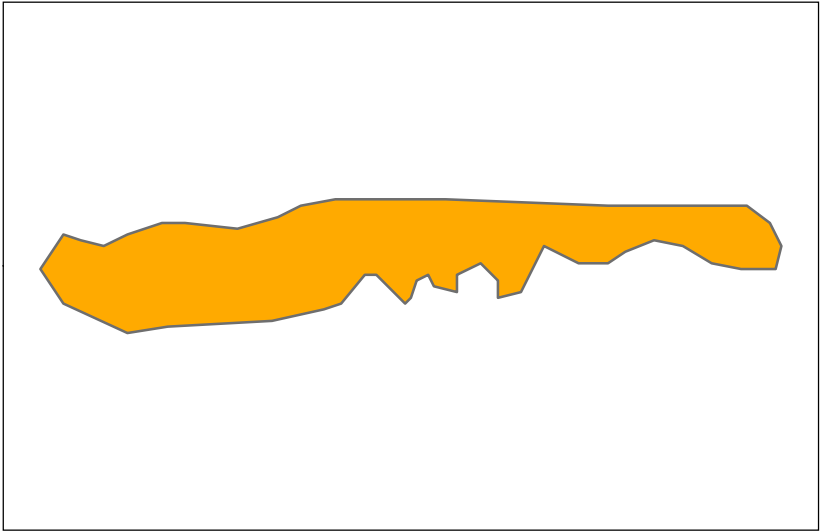
90 45 0 90 180 Feet





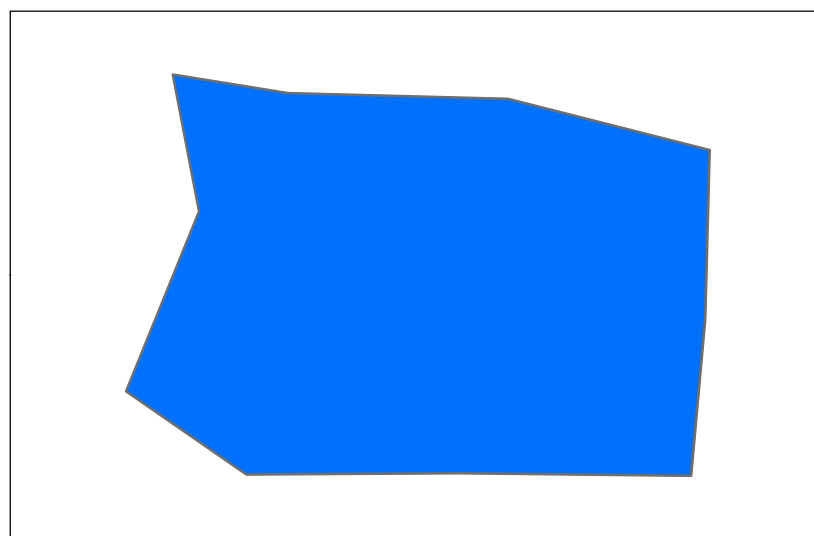
Route 903: Cienega Trail Parking Area

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10041241	3/12/2008	Gravel	18950	Poor	\$20600




## Route 905: Cienega Trail Handicapped Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10041241	3/12/2008	Concrete	452	Excellent	\$0



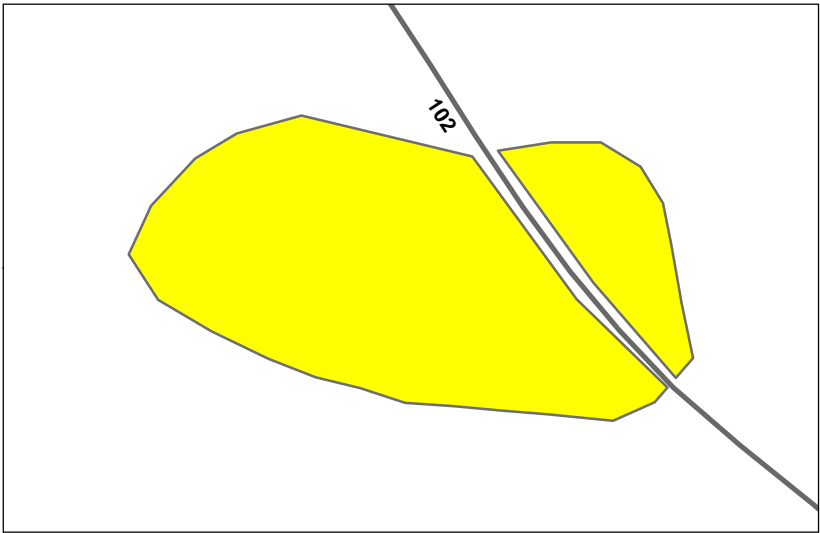
5 2.5 0 5 10 Feet

A scale bar with alternating black and white segments, corresponding to the measurements 5, 2.5, 0, 5, and 10 feet.



**Route 906: Brown Canyon Education Center Parking**

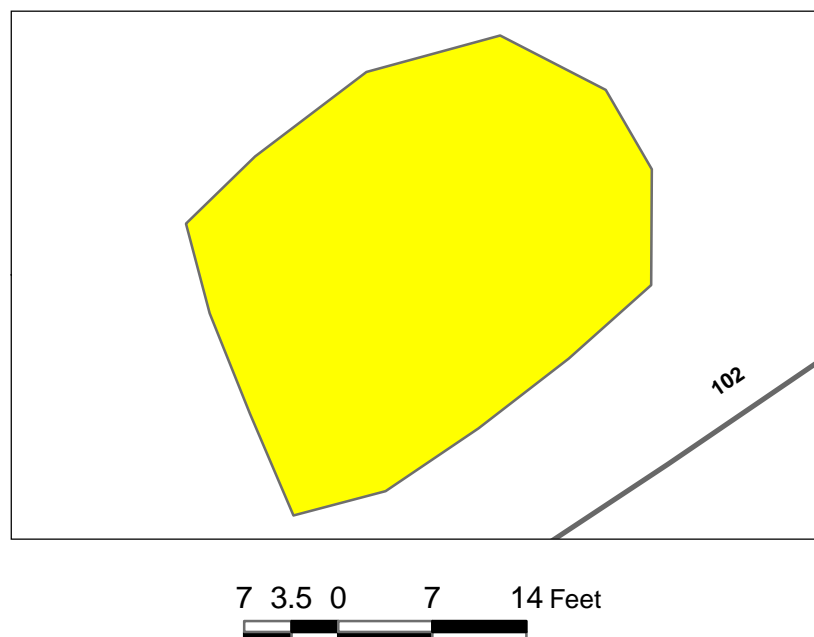
Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009634	3/14/2008	Native	2844	Fair	\$700



105 0 10 20 Feet

## Route 907: Brown Canyon Education Center Parking #2

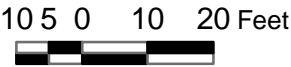
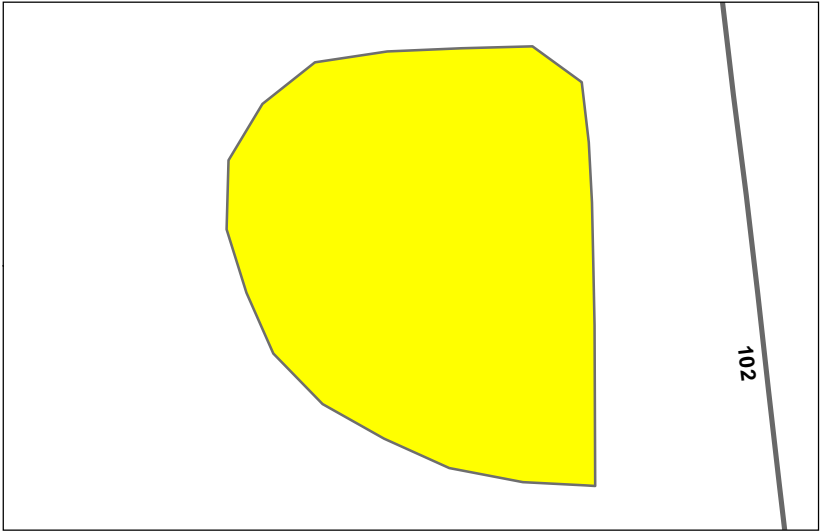
Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009634	3/14/2008	Native	696	Fair	\$200





Route 908: Brown Canyon Restroom Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009634	3/14/2008	Native	2594	Fair	\$700



Buenos Aires NWR Bridge Inventory					
Rte #	Milepost	NBIS #	Sufficiency Rating	Functionally Obsolete	Structurally Deficient
		No bridges to report			



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 010 ROUTE NAME: Refuge Entrance Road



Photo # 2600 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 010 ROUTE NAME: Refuge Entrance Road



Photo # 2604 - MP 2.02 - Begin Section 003

ROUTE NUMBER: 010 ROUTE NAME: Refuge Entrance Road



Photo # 2605 - MP 2.22 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 010 ROUTE NAME: Refuge Entrance Road



Photo # 2606 - MP 2.22 - Culvert Deficiency

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2445 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2447 - MP 0.04 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2454 - MP 1.06 - Begin Section 003

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2460 - MP 2.07 - Begin Section 004

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2466 - MP 3.07 - Begin Section 005

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2471 - MP 3.87 - Begin Section 006

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2474 - MP 4.84 - Begin Section 007

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2477 - MP 4.97 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2480 - MP 5.86 - Begin Section 008

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2483 - MP 6.37 - Begin Section 009

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2486 - MP 7.37 - Begin Section 010

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2490 - MP 8.38 - Begin Section 011

ROUTE NUMBER: 011 ROUTE NAME: Pronghorn Tour Loop Road



Photo # 2494 - MP 9.39 - Begin Section 012

ROUTE NUMBER: 101 ROUTE NAME: Aguirre Lake Road



Photo # 2607 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 102 ROUTE NAME: Brown Canyon Road



Photo # 2749 - MP 2.65 - Begin Section 004

ROUTE NUMBER: 102 ROUTE NAME: Brown Canyon Road



Photo # 2750 - MP 3.64 - Begin Section 005

ROUTE NUMBER: 102 ROUTE NAME: Brown Canyon Road



Photo # 2751 - MP 4.62 - Begin Section 006



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 102 ROUTE NAME: Brown Canyon Road



Photo # 2754 - MP 5.61 - Begin Section 007

ROUTE NUMBER: 102 ROUTE NAME: Brown Canyon Road



Photo # 2756 - MP 3.97 - Begin Section 008

ROUTE NUMBER: 200 ROUTE NAME: Barrel Cactus Road



Photo # 2497 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 200 ROUTE NAME: Barrel Cactus Road



Photo # 2500 - MP 1.02 - Begin Section 002

ROUTE NUMBER: 201 ROUTE NAME: Aros Ranch Road



Photo # 2625 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 201 ROUTE NAME: Aros Ranch Road



Photo # 2627 - MP 0.94 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 201 ROUTE NAME: Aros Ranch Road



Photo # 2628 - MP 1.93 - Begin Section 004

ROUTE NUMBER: 202 ROUTE NAME: Forest Access Road



Photo # 2508 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 202 ROUTE NAME: Forest Access Road



Photo # 2509 - MP 1.01 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 203 ROUTE NAME: Big Bertha Road



Photo # 2632 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 203 ROUTE NAME: Big Bertha Road



Photo # 2633 - MP 0.96 - Begin Section 002

ROUTE NUMBER: 203 ROUTE NAME: Big Bertha Road



Photo # 2634 - MP 1.96 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 203 ROUTE NAME: Big Bertha Road



Photo # 2635 - MP 2.88 - Begin Section 004

ROUTE NUMBER: 204 ROUTE NAME: Herman Tank Road



Photo # 2511 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 204 ROUTE NAME: Herman Tank Road



Photo # 2512 - MP 1.04 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 205 ROUTE NAME: Carrizo Tank Road



Photo # 2636 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 205 ROUTE NAME: Carrizo Tank Road



Photo # 2637 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 205 ROUTE NAME: Carrizo Tank Road



Photo # 2638 - MP 2.00 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 205 ROUTE NAME: Carrizo Tank Road



Photo # 2639 - MP 3.00 - Begin Section 004

ROUTE NUMBER: 206 ROUTE NAME: Burnt Corral Road



Photo # 2517 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 206 ROUTE NAME: Burnt Corral Road



Photo # 2519 - MP 1.02 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 206 ROUTE NAME: Burnt Corral Road



Photo # 2521 - MP 1.82 - Begin Section 003

ROUTE NUMBER: 207 ROUTE NAME: La Osa Road



Photo # 2641 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 208 ROUTE NAME: Sierra Vista Road



Photo # 2644 - MP 0.00 - Begin Route at Begin Section

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 208 ROUTE NAME: Sierra Vista Road



Photo # 2645 - MP 0.99 - Begin Section 002

ROUTE NUMBER: 209 ROUTE NAME: Mormon North Road

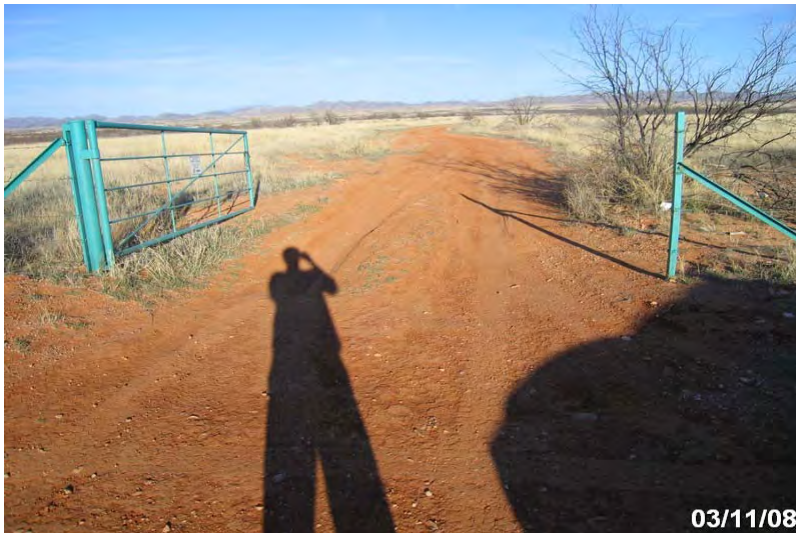


Photo # 2646 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 210 ROUTE NAME: High Gates South Road



Photo # 2565 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 210 ROUTE NAME: High Gates South Road



Photo # 2566 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 210 ROUTE NAME: High Gates South Road



Photo # 2569 - MP 1.99 - Begin Section 003

ROUTE NUMBER: 210 ROUTE NAME: High Gates South Road



Photo # 2571 - MP 2.99 - Begin Section 004

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Mormon South Road



Photo # 2648 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 211 ROUTE NAME: Mormon South Road



Photo # 2647 - MP 1.05 - Begin Section 002

ROUTE NUMBER: 212 ROUTE NAME: Jo King Ranch Road



Photo # 2649 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: State Tank Road



Photo # 2757 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 213 ROUTE NAME: State Tank Road



Photo # 2758 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 213 ROUTE NAME: State Tank Road



Photo # 2759 - MP 2.00 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: State Tank Road



Photo # 2760 - MP 2.98 - Begin Section 004

ROUTE NUMBER: 214 ROUTE NAME: Cemetery Road



Photo # 2661 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 214 ROUTE NAME: Cemetery Road



Photo # 2662 - MP 1.03 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 215 ROUTE NAME: Chivo Tank Road



Photo # 2664 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 215 ROUTE NAME: Chivo Tank Road



Photo # 2665 - MP 1.03 - Begin Section 002

ROUTE NUMBER: 215 ROUTE NAME: Chivo Tank Road



Photo # 2667 - MP 2.00 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 215 ROUTE NAME: Chivo Tank Road



Photo # 2669 - MP 3.00 - Begin Section 004

ROUTE NUMBER: 216 ROUTE NAME: Compartidero Road



Photo # 2670 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 216 ROUTE NAME: Compartidero Road



Photo # 2671 - MP 1.03 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Compartidero Road



Photo # 2672 - MP 2.02 - Begin Section 003

ROUTE NUMBER: 217 ROUTE NAME: La Osa Mud Hole Road



Photo # 2674 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 217 ROUTE NAME: La Osa Mud Hole Road



Photo # 2675 - MP 1.00 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 218 ROUTE NAME: Mal Pa Chute Road



Photo # 2578 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 218 ROUTE NAME: Mal Pa Chute Road



Photo # 2579 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 219 ROUTE NAME: Figueroa North Road



Photo # 2582 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 219 ROUTE NAME: Figeroa North Road



Photo # 2584 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 219 ROUTE NAME: Figeroa North Road



Photo # 2585 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 219 ROUTE NAME: Figeroa North Road



Photo # 2586 - MP 3.00 - Begin Section 004

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 219 ROUTE NAME: Figeroa North Road



Photo # 2587 - MP 4.00 - Begin Section 005

ROUTE NUMBER: 220 ROUTE NAME: Martinez Well Road



Photo # 2591 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 220 ROUTE NAME: Martinez Well Road



Photo # 2593 - MP 1.01 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 221 ROUTE NAME: Guijas Loop Road



Photo # 2771 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 221 ROUTE NAME: Guijas Loop Road



Photo # 2773 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 221 ROUTE NAME: Guijas Loop Road



Photo # 2776 - MP 1.93 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 222 ROUTE NAME: Cordova Tank Road



Photo # 2778 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 222 ROUTE NAME: Cordova Tank Road



Photo # 2779 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 222 ROUTE NAME: Cordova Tank Road



Photo # 2780 - MP 1.85 - Problem Area



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 223 ROUTE NAME: Secundino South Road



Photo # 2781 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 223 ROUTE NAME: Secundino South Road



Photo # 2782 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 224 ROUTE NAME: Round Hill Road



Photo # 2784 - MP 0.00 - Begin Route at Begin Section

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 224 ROUTE NAME: Round Hill Road



Photo # 2785 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 224 ROUTE NAME: Round Hill Road



Photo # 2787 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 224 ROUTE NAME: Round Hill Road



Photo # 2788 - MP 3.00 - Begin Section 004



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 224 ROUTE NAME: Round Hill Road



Photo # 2789 - MP 3.99 - Begin Section 005

ROUTE NUMBER: 225 ROUTE NAME: McKay Tank Road



Photo # 2790 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 225 ROUTE NAME: McKay Tank Road



Photo # 2791 - MP 1.02 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 225 ROUTE NAME: McKay Tank Road



Photo # 2792 - MP 2.01 - Begin Section 003

ROUTE NUMBER: 225 ROUTE NAME: McKay Tank Road



Photo # 2793 - MP 3.00 - Begin Section 004

ROUTE NUMBER: 225 ROUTE NAME: McKay Tank Road



Photo # 2796 - MP 4.02 - Begin Section 005



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 225 ROUTE NAME: McKay Tank Road



Photo # 2797 - MP 5.02 - Begin Section 006

ROUTE NUMBER: 226 ROUTE NAME: High Road



Photo # 2794 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 227 ROUTE NAME: High Gates North Road



Photo # 2799 - MP 0.00 - Begin Route at Begin Section

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: High Gates North Road



Photo # 2806 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 227 ROUTE NAME: High Gates North Road



Photo # 2812 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 227 ROUTE NAME: High Gates North Road



Photo # 2814 - MP 2.99 - Begin Section 004



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: High Gates North Road



Photo # 2819 - MP 3.96 - Begin Section 005

ROUTE NUMBER: 228 ROUTE NAME: Water Tank Road



Photo # 2820 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 228 ROUTE NAME: Water Tank Road



Photo # 2822 - MP 1.02 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 228 ROUTE NAME: Water Tank Road



Photo # 2823 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 228 ROUTE NAME: Water Tank Road



Photo # 2824 - MP 3.03 - Begin Section 004

ROUTE NUMBER: 228 ROUTE NAME: Water Tank Road



Photo # 2825 - MP 3.54 - Begin Section 005



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 228 ROUTE NAME: Water Tank Road



Photo # 2827 - MP 4.57 - Begin Section 006

ROUTE NUMBER: 229 ROUTE NAME: Bueno Tank Road



Photo # 2828 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 229 ROUTE NAME: Bueno Tank Road



Photo # 2829 - MP 1.01 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 229 ROUTE NAME: Bueno Tank Road



Photo # 2830 - MP 2.01 - Begin Section 003

ROUTE NUMBER: 229 ROUTE NAME: Bueno Tank Road



Photo # 2831 - MP 3.02 - Begin Section 004

ROUTE NUMBER: 229 ROUTE NAME: Bueno Tank Road



Photo # 2833 - MP 3.99 - Begin Section 005



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 230 ROUTE NAME: Las Delicias Ranch Road



Photo # 2836 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 230 ROUTE NAME: Las Delicias Ranch Road



Photo # 2837 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 231 ROUTE NAME: El Cazador Road



Photo # 2839 - MP 0.92 - Begin Route at Begin Section

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 231 ROUTE NAME: El Cazador Road



Photo # 2840 - MP 1.03 - Begin Section 002

ROUTE NUMBER: 231 ROUTE NAME: El Cazador Road



Photo # 2841 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2844 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2847 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2848 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2676 - MP 3.01 - Begin Section 004

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2688 - MP 4.02 - Begin Section 005

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2690 - MP 5.01 - Begin Section 006

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2691 - MP 6.01 - Begin Section 007



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2703 - MP 7.02 - Begin Section 007

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2692 - MP 8.01 - Begin Section 009

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2705 - MP 9.01 - Begin Section 010

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 232 ROUTE NAME: Puertocito Wash North Road



Photo # 2706 - MP 10.02 - Begin Section 011

ROUTE NUMBER: 233 ROUTE NAME: Middle Tank Road



Photo # 2677 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 233 ROUTE NAME: Middle Tank Road



Photo # 2678 - MP 1.02 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 233 ROUTE NAME: Middle Tank Road



Photo # 2679 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 234 ROUTE NAME: Hippy Road



Photo # 2680 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 234 ROUTE NAME: Hippy Road



Photo # 2682 - MP 1.01 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 235 ROUTE NAME: Secundino Road



Photo # 2684 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 235 ROUTE NAME: Secundino Road



Photo # 2685 - MP 1.02 - Begin Section 002

ROUTE NUMBER: 235 ROUTE NAME: Secundino Road



Photo # 2686 - MP 2.01 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 236 ROUTE NAME: Road Camp Road



Photo # 2695 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 236 ROUTE NAME: Road Camp Road



Photo # 2693 - MP 1.09 - Begin Section 002

ROUTE NUMBER: 236 ROUTE NAME: Road Camp Road



Photo # 2692 - MP 2.06 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 237 ROUTE NAME: Brown Tank Road



Photo # 2698 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 237 ROUTE NAME: Brown Tank Road



Photo # 2700 - MP 1.02 - Begin Section 002

ROUTE NUMBER: 237 ROUTE NAME: Brown Tank Road



Photo # 2701 - MP 2.02 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 237 ROUTE NAME: Brown Tank Road



Photo # 2702 - MP 2.99 - Begin Section 004

ROUTE NUMBER: 238 ROUTE NAME: Batamote Road



Photo # 2707 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 238 ROUTE NAME: Batamote Road



Photo # 2708 - MP 1.01 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 238 ROUTE NAME: Batamote Road



Photo # 2709 - MP 1.07 - Gate Deficiency

ROUTE NUMBER: 238 ROUTE NAME: Batamote Road



Photo # 2710 - MP 2.05 - Begin Section 003

ROUTE NUMBER: 239 ROUTE NAME: Straight Road



Photo # 2712 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 239 ROUTE NAME: Straight Road



Photo # 2713 - MP 0.96 - Begin Section 002

ROUTE NUMBER: 239 ROUTE NAME: Straight Road



Photo # 2714 - MP 1.98 - Begin Section 003

ROUTE NUMBER: 239 ROUTE NAME: Straight Road



Photo # 2715 - MP 3.13 - Begin Section 004

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 240 ROUTE NAME: Ted Tank Road



Photo # 2717 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 240 ROUTE NAME: Ted Tank Road



Photo # 2718 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 240 ROUTE NAME: Ted Tank Road



Photo # 2719 - MP 2.00 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 241 ROUTE NAME: Pozo Nuevo Road



Photo # 2723 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 241 ROUTE NAME: Pozo Nuevo Road



Photo # 2722 - MP 0.93 - Begin Section 002

ROUTE NUMBER: 241 ROUTE NAME: Pozo Nuevo Road



Photo # 2721 - MP 1.92 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 241 ROUTE NAME: Pozo Nuevo Road



Photo # 2720 - MP 2.98 - Begin Section 004

ROUTE NUMBER: 242 ROUTE NAME: Choffo Tank Road



Photo # 2501 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 242 ROUTE NAME: Choffo Tank Road



Photo # 2504 - MP 1.00 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 243 ROUTE NAME: Yellow Jacket Road



Photo # 2514 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 243 ROUTE NAME: Yellow Jacket Road



Photo # 2515 - MP 0.67 - Begin Section 002

ROUTE NUMBER: 244 ROUTE NAME: Mesquite Loop Road



Photo # 2543 - MP 0.00 - Begin Route at Begin Section

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 244 ROUTE NAME: Mesquite Loop Road



Photo # 2548 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 244 ROUTE NAME: Mesquite Loop Road



Photo # 2550 - MP 1.99 - Begin Section 003

ROUTE NUMBER: 244 ROUTE NAME: Mesquite Loop Road



Photo # 2555 - MP 2.99 - Begin Section 004



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 245 ROUTE NAME: Honey Trap Loop Road



Photo # 2560 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 245 ROUTE NAME: Honey Trap Loop Road



Photo # 2561 - MP 0.99 - Begin Section 002

ROUTE NUMBER: 245 ROUTE NAME: Honey Trap Loop Road



Photo # 2562 - MP 1.96 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 245 ROUTE NAME: Honey Trap Loop Road



Photo # 2563 - MP 2.95 - Begin Section 004

ROUTE NUMBER: 245 ROUTE NAME: Honey Trap Loop Road



Photo # 2564 - MP 3.95 - Begin Section 005

ROUTE NUMBER: 246 ROUTE NAME: Bee Hive Road



Photo # 2573 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 247 ROUTE NAME: Wilber Canyon Road



Photo # 2574 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 247 ROUTE NAME: Wilber Canyon Road



Photo # 2575 - MP 0.99 - Begin Section 002

ROUTE NUMBER: 247 ROUTE NAME: Wilber Canyon Road



Photo # 2577 - MP 1.98 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 248 ROUTE NAME: Brown Well Road



Photo # 2741 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 248 ROUTE NAME: Brown Well Road



Photo # 2743 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 248 ROUTE NAME: Brown Well Road



Photo # 2744 - MP 2.04 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 248 ROUTE NAME: Brown Well Road



Photo # 2745 - MP 2.99 - Begin Section 004

ROUTE NUMBER: 249 ROUTE NAME: Rock Tank Road



Photo # 2761 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 249 ROUTE NAME: Rock Tank Road



Photo # 2764 - MP 1.00 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 249 ROUTE NAME: Rock Tank Road



Photo # 2766 - MP 2.02 - Begin Section 003

ROUTE NUMBER: 249 ROUTE NAME: Rock Tank Road



Photo # 2767 - MP 2.99 - Begin Section 004

ROUTE NUMBER: 249 ROUTE NAME: Rock Tank Road



Photo # 2768 - MP 3.98 - Begin Section 005



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 301 ROUTE NAME: Montana Ranch Road



Photo # 2524 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 302 ROUTE NAME: Honnas Road



Photo # 2536 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 302 ROUTE NAME: Honnas Road



Photo # 2538 - MP 0.24 - Culvert Deficiency

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 400 ROUTE NAME: East Gate Road



Photo # 2651 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 401 ROUTE NAME: Ashcraft Road



Photo # 2652 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 401 ROUTE NAME: Ashcraft Road



Photo # 2653 - MP 0.93 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 401 ROUTE NAME: Ashcraft Road



Photo # 2654 - MP 1.90 - Begin Section 003

ROUTE NUMBER: 402 ROUTE NAME: Mordita Road



Photo # 2655 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 402 ROUTE NAME: Mordita Road



Photo # 2656 - MP 1.01 - Begin Section 002

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 402 ROUTE NAME: Mordita Road



Photo # 2657 - MP 1.48 - Begin Section 003

ROUTE NUMBER: 403 ROUTE NAME: Three Hills Road



Photo # 2505 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 403 ROUTE NAME: Three Hills Road



Photo # 2506 - MP 1.01 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 403 ROUTE NAME: Three Hills Road



Photo # 2507 - MP 1.95 - Begin Section 003

ROUTE NUMBER: 404 ROUTE NAME: Fresno Canyon Road



Photo # 2660 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 405 ROUTE NAME: Service Road



Photo # 2616 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 405 ROUTE NAME: Service Road



Photo # 2617 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 405 ROUTE NAME: Service Road



Photo # 2618 - MP 1.81 - Culvert Deficiency

ROUTE NUMBER: 405 ROUTE NAME: Service Road



Photo # 2619 - MP 1.81 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 405 ROUTE NAME: Service Road



Photo # 2622 - MP 1.87 - Culvert Deficiency

ROUTE NUMBER: 405 ROUTE NAME: Service Road



Photo # 2623 - MP 1.87 - Culvert Deficiency

### Accident Summary

Number of Accidents Reported	Timespan of Accidents	Injuries	Fatalities
0	No Accidents Reported	0	0



## APPENDIX

<b>FWS ROAD FUNCTIONAL CLASSIFICATION</b>	
<b>Class I</b>	Principal Refuge Road (Public Roads) - Routes that constitute the main access route, main auto tour route, or thoroughfare for refuge visitors. These routes are accessible by 2WD vehicles. Routes are numbered from 10 to 99.
<b>Class II</b>	Connector Refuge Road (Public Roads) - Routes that provide circulation within the refuge. These routes can also provide access to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, education centers, etc. These routes are accessible by 2WD vehicles. Routes are numbered from 100 to 199.
<b>Class III</b>	Special Purpose Refuge Road (Public Roads) - Roads that provide circulation within special use areas such as campgrounds or public concessionaire facilities or access to remote areas of the refuge. These routes may not be 2WD accessible. Routes are numbered from 200 to 299.
<b>Class IV</b>	Administrative Access Road (Administrative Roads) - Routes intended for access to administrative developments or structures such as maintenance offices, employee quarters, or utility areas. These routes are accessible by 2WD vehicles. These routes may restrict access to the general public. Routes are numbered from 300 to 399.
<b>Class V</b>	Restricted Road (Administrative Roads) - Routes normally closed to the public, such as maintenance roads, service roads, patrol roads, and fire breaks. These routes may be open to the public for a short period of time for a special use, such as hunting access. These routes may not be 2WD accessible. Routes are numbered from 400 to 499.

A refuge road system contains those routes within or giving access to a refuge or other unit of the FWS that are administered by the FWS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a refuge road is not based on traffic volumes or design speed, but on the intended use or function of that route.

## DESCRIPTION OF RATING SYSTEM

Rating Data is collected on four different surface types: Asphalt, Concrete, Gravel, and Native. The Utah LTAP Center's Remaining Service Life (RSL) system is used for all surface types. The RSL system is based on the Strategic Highway Research Program's (SHRP) Distress Identification Manual.

### Asphalt Rating System

Data is collected on the following distresses and conditions:

- **Fatigue Cracking** - Interconnected cracks forming small irregular shapes.
- **Longitudinal Cracking** - Cracks running parallel with the roadway, in the direction of traffic.
- **Transverse Cracking** - Cracks perpendicular to the roadway, going across the lane or lanes.
- **Block Cracking** - Interconnected cracks forming large blocks.
- **Edge Cracking** - Cracks running along the edge of the pavement surface.
- **Patches** - Original surface repaired with new asphalt patch material.
- **Potholes** - Holes or depressions in the pavement.
- **Rutting** - surface depressions in the wheel paths.
- **Roughness** - Evenness of pavement for serviceability.
- **Drainage** - Ability of the road surface to drain water based on proper slope.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

### Rating Index Formula

Fatigue, longitudinal, transverse, block, and edge cracking, along with patching and potholes are rated on a 0 - 9 scale (0 = no distress, 9 = maximum distress). The rating given is based on the extent and the severity of the distress. Rutting, roughness, and drainage are rated on a 0 - 3 scale (0 = excellent, 3 = poor). Each distress type has given Remaining Service Life (RSL) values (in years) based on the rating for that particular distress. The distress with the rating resulting in the lowest RSL value is considered to be the governing distress. That value is then assigned as the RSL of the road segment.

### Concrete Rating System

Data is collected on the following distresses and conditions:

- **Spalling of Joints** - Chipping, breaking, or cracking of slab edges
- **Joint Seal Damage** - Any damage or condition that enables materials or water to infiltrate into the joint from the surface.
- **Corner Breaks** - A portion of the slab separated by a crack that intersects the adjacent transverse and longitudinal joints, forming approximately a 45° angle to the direction.
- **Broken Slabs** - Faulting and/or cracking localized to individual slabs.
- **Faulting** - Difference in elevation across a crack or joint.
- **Longitudinal Cracking** - Cracks in the pavement running parallel to road.



- **Transverse Cracking** - Cracks in the pavement running perpendicular to the direction of traffic.
- **Patch Deterioration** – Faulting, settling, or cracking of previously placed patch
- **Map Cracking** – A series of cracks that extend only into the upper surface of the Slab

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

### **Rating Index Formula**

The rating procedure for concrete pavement is the same as that for asphalt pavement described previously. Each of the distresses described above are rated on the same 0 – 9 scale. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.

### **Gravel and Native Rating System**

Data is collected on the following distresses and conditions:

- **Cross Section (Crown)** - Roadway built so that the center is higher than the shoulder, to prevent water from pooling on roadway.
- **Roadside Drainage** - Roadside ditches and culverts to handle water flow and prevent pooling on the roadside.
- **Corrugations (Washboarding)** - Small trenches or holes developing perpendicular to the roadway.
- **Potholes** - Holes or depressions in the roadway.
- **Rutting** - Depressions running parallel with the roadway, in the wheelpaths.
- **Dust** - Amount of dust caused by traffic.
- **Loose Aggregate (Gravel Only)** - Loose gravel, typically piled up on the roadway edges or centerline.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

### **Rating Index Formula**

The rating procedure for unpaved roads is the same as that for asphalt and concrete pavements described previously. Of the distresses described above, corrugations, potholes, rutting, and loose aggregate are rated on the same 0 – 9 scale previously mentioned. Cross section, roadside drainage, and dust are rated on the same 0 – 3 scale described for asphalt pavement. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.

### **Condition Descriptions by Surface Type**

The following definitions are used to describe pavement condition for the various surface types. These are general guidelines for condition indications.

## Asphalt

**Excellent** – Recently constructed or overlaid road where construction or overlay was performed correctly- No maintenance required. RSL = 19-20 years.

**Good** – Low extent longitudinal and transverse cracks. All cracks are 1/4" or less with little or no crack erosion. Patches are in good condition and applied correctly. Routine Maintenance recommended. RSL = 13-18 years.

**Fair** - Roads are in good structural condition with little or no fatigue cracking. Longitudinal, transverse, and edge cracking is at medium extent and severity. Block cracking is not extensive. Any patches are in good condition. Preventative maintenance recommended. RSL = 7-12 years.

**Poor** - Road beginning to show signs of structural distress. Fatigue cracking is medium to high extent and medium severity. Cracking will be severe. Surface may have severe block cracking and show. Patches are in fair to poor condition. There is moderate distortion or rutting and occasional potholes. Rehabilitation recommended. RSL = 1-6 years.

**Failed** - Road is severely deteriorated. Signs of structural failure appear along with severe and extensive fatigue cracking, distortion, potholes, or extensive patches in poor condition. Reconstruction recommended. RSL = 0 years.

## Concrete

**Excellent** - New pavement. No maintenance required. RSL = 19-20 years

**Good** - First signs of transverse cracking, patch or repair, more extensive pop-outs, or scaling. Sealing or routine maintenance recommended. RSL = 13-18 years.

**Fair** – Pavement has joint or crack spalling, and/or faulting, along with cracking at corners with broken pieces. Any Patches are in fair condition and faulting is at a minimum. Preventative maintenance recommended. RSL = 7-12 years.

**Poor** - Joints and cracks are open 1 inch, spalled, or patched. Faulting is more severe. Rehabilitation recommended. RSL = 1-6 years.

**Failed** - Most slabs have failed structurally, and faulting is severe. Reconstruction recommended. RSL = 0 years.11-9

The following table shows the relationship between RSL and condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Asphalt and Concrete Pavements)								
	FAILED	POOR		FAIR		GOOD		EXCELLENT
RSL Years	0	1-3	4-6	7-9	10-12	13-15	16-18	19-20



## Gravel and Native

**Note** - Native surfaces do not have a gravel layer.

**Excellent** - Newly constructed road that has been constructed properly with proper crown, drainage and gravel layer. Little or no distress. No maintenance recommended. RSL = 8-10 years.

**Good** - Crown, drainage provisions, and gravel layer are in good condition. Distress limited to traffic effects such as dust, loose aggregate, and low severity corrugations (wash boarding). RSL = 5-7 years.

**Fair** - Adequate drainage and crown through majority of roadway. Crown repair, ditch improvement may be necessary. Road has more severe corrugations and potholes. Preventative maintenance recommended. RSL = 3-4 years.

**Poor** - Travel at slow speeds is necessary. Additional gravel layer needed to carry traffic. Poor crown. Ditching is inadequate and rutting is extensive and severe. Rehabilitation recommended. RSL = 1-2 years.

**Failed** - Travel is difficult, and road may be closed at times. Rutting and Corrugations are very severe. Total Reconstruction of road is recommended. RSL = 0 years.

The following table shows the RSL values for gravel and native roads in terms of excellent, good, fair, poor, and failed condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Gravel and Native Surfaces)					
	FAILED	POOR	FAIR	GOOD	EXCELLENT
RSL Years	0	1-2	3-4	5-7	8-10